BARDAHL	MAROIL S.R.L.	Revision nr. 7
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
	····· • · · · · · · · · · · · · · · · ·	Page n. 1/17
		Replaced revision:6 (Printed on: 08/11/2021)
	Safety Data Sheet rding to Annex II to REACH - Regulation 2020/878 and to Annex II to UK RE	
SECTION 1. Identification	of the substance/mixture and of the company/unde	rtaking
1.1. Product identifier		
Code:	M 304 XTA Sympthetic Special Oil 5W/ 40	
Product name	XTA Synthetic Special Oil 5W-40	
	e substance or mixture and uses advised against cant for 4-stroke engines for cars	
1.3. Details of the supplier of the s	afety data sheet	
Name	MAROIL S.R.L.	
Full address District and Country	LOC. PONTE ALLA CILIEGIA 55011 MARGINONE ALTOPASCIO (LU) ITALIA	
	Tel. 0583/28731	
	Fax 0583/286542	
e-mail address of the competent per	son	
responsible for the Safety Data Shee	t msds@bardahl.it	
<b>1.4. Emergency telephone number</b> For urgent inquiries refer to	Numeri telefonici dei principali Centri Antiveleni italiar Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fou Centro Antiveleni di Milano 02 66101029 (CAV Ospeda Centro Antiveleni di Bergamo 800 883300 (CAV Ospeda Centro Antiveleni di Firenze 055 7947819 (CAV Ospeda Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Centro Antiveleni di Napoli 081 7472870 (CAV Ospeda	ndazione Maugeri - Pavia) le Niguarda Ca` Granda - Milano) ali Riuniti - Bergamo) ale Careggi - Firenze) o Gemelli - Roma) co Umberto I - Roma)

# **SECTION 2. Hazards identification**

### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878. Hazard classification and indication:

## 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

			MAROIL S.R.L.	Revision nr. 7
BARDAHL			MARIOLE S.R.E.	
* JOINTINGS & OLLS				
				Dated 09/11/2022
		ΧΤΑ	Synthetic Special Oil 5W-40	Printed on 09/11/2022
				Page n. 2/17
				Replaced revision:6 (Printed on: 08/11/2021)
Hazard pictograms:				
Signal words:				
Hazard statements:				
		ta sheet available o C14-16-18 Alkyl ph		
M	lay prod	uce an allergic react	ion.	
Precautionary statements:				
2.3. Other hazards				
On the basis of available data	the proc	duct does not contai	n any PBT or vPvB in percentage ≥ than 0,1%.	
The product does not contain s	substanc	es with endocrine d	isrupting properties in concentration $\geq$ 0.1%.	
SECTION 3. Compo	sition	/information	on ingredients	
3.2. Mixtures				
3.2. MIXIURES				
Contains:				
Identification		x = Conc. %	Classification (EC) 1272/2008 (CLP)	
lubricating oils (petroleum) 50, based on neutral oil	), C20-			
INDEX 649-483-00-5		35 ≤ x < 37,5	Asp. Tox. 1 H304	
EC 276-738-4				
CAS 72623-87-1				
REACH Reg. 01-21194748	89-13			
lubricating oils (petroleum)				
50, neutral oil based, hydror				
INDEX 649-483-00-5		2 ≤ x < 2,5	Asp. Tox. 1 H304	
EC 276-738-4				
CAS 72623-87-1				
REACH Reg. 01-21194748	89-13			
distillates (petroleum), hydrotreated heavy paraffin	vio			
INDEX 649-467-00-8		2 ≤ x < 2,5	Asp. Tox. 1 H304	
EC 265-157-1				
CAS 64742-54-7				
REACH Reg. 01-21194846	27-25			
lubricating oils (petroleum)				
30, neutral oil based, hydror		0.4	A T (100)	
INDEX 649-482-00-X		2 ≤ x < 2,5	Asp. Tox. 1 H304	

$ \begin{array}{ c c c c c } \hline \mathbf{XTA Synthetic Special Oil 5W-40} & \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c}$			MAROIL S.R.L.	Revision nr. 7
XTA Synthetic Special OII 5W-40         Private on fibri 12022 Page 8, 817 Repaired revealence (Private) on the 110221 Page 8, 817 Repaired revealence (Private) on the 110221           EC 276-737-9 GAS 72623-8-0 REACH Reg. 01-211947487-16 CH14161 8 May benot INDEX - 1 5 x < 1,5         STOT RE 2 H373, Skin Sens. 1B H317         -           INDEX - 15 x < 1,5         STOT RE 2 H373, Skin Sens. 1B H317         -         -           FC 341-61-8 May benot INDEX - 15 x < 1,5         STOT RE 2 H373, Skin Sens. 1B H317         -         -           FC 341-64-8 CA         -         -         -         -         -           Partifin oils (periodeum), calabity deviated heavy INDEX - 1219487080-42         -         -         -         -           REACH Reg. 01-2119487080-42         -<	* Varmes Lous			Dated 09/11/2022
KTA Synthetic Special Off SW-40         Page 8.317           Product Feedback         Product Feedback         Product Feedback           CAS 72623-86-0         FACH Reg. 01-2119474878-16         FACH Reg. 01-2119474878-16         FACH Reg. 01-2119474878-16           C14-16-18 Akyl phenol         INDEX -         1 $\leq x < 1.5$ STOT RE 2 H373, Skin Sens. 1B H317         EC 631-482-           CAS -         FACH Reg. 01-2119498288-19         Page Tax. 1 H304, Classification note according to Annex VI to the CLP           REACH Reg. 01-2119487080-42         distiliates (petroleum), catalytic means of the second secon	-	VTA	Cumthatia Crassial Oil 5W/40	
LetReplaced revision (Pered on: 0011021)EC: 276-737-9 CAS: 72623-86-0 REACH Reg. 01-2119474787-16 CAT-1613 Allytip Phond1 $x < 1.5$ STOT RE 2 H373, Skin Sens. 1B H317INDEX -11 $x < 1.5$ STOT RE 2 H373, Skin Sens. 1B H317 $x < 1.5$ EC: 031-464-2 CAS -1 $x < 1.5$ STOT RE 2 H373, Skin Sens. 1B H317 $x < 1.5$ EC: 031-464-2 CAS -1 $x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCC: 055-1744 CAS: 64742-70-7 REACH Reg. 01-211947080-42 distillates (petroleum), solvati- devaced heavy partifinic INDEX -1 $x < 1.5$ REACH Reg. 01-2119471299-27 Distillates (petroleum), advant- devaced heavy partifinic INDEX -1 $x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LAsp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC: 285-1747 CAS: 64742-65-7 REACH Reg. 01-2119471299-27 Distillates (petroleum), advant- Metrotated Heavy partifinic INDEX -1 $x < 1.5$ EC: 285-157-1 CAS: 64742-65-7 REACH Reg. 01-211947429-71 $x < 1.5$ Eye Dam. 1 H318, Skin Init. 2 H315. Aquatic Chronic 2 H411 Skin Init. 2 H315. a 6,25%, Eye Dam. 1 H318. 2 L25%, Eye Init. 2 H319. a Skin Init. 2 H315. a 6,25%, Eye Dam. 1 H318. a 12,5%, Eye Init. 2 H319. a Skin Init. 2 H315. a 6,25%, Eye Dam. 1 H318. a 12,5%, Eye Init. 2 H319. a Skin Init. 2 H315. a 6,25%, Eye Dam. 1 H318. a 12,5%, Eye Init. 2 H319. a Skin Init. 2 H315. a 6,25%, Eye Dam. 1 H318. a 12,5%, Eye Init. 2 H319. a Skin Init. 2 H315. a 6,25%, Eye Dam. 1 H318. a 12,5%, Eye Init. 2 H319. a <br< th=""><th></th><th>XIA</th><th>A Synthetic Special Oli 5W-40</th><th></th></br<>		XIA	A Synthetic Special Oli 5W-40	
CAS       72823-86-0         REACH Reg.       01-211947497816         CIA       1 ≤ x < 1.5       STOT RE 2 H373. Skin Sens. 1B H317         EC       301-468-2				Replaced revision:6 (Printed on: 08/11/2021)
CAS       72823-86-0         REACH Reg.       01-211947497816         CIA       1 ≤ x < 1.5	FC 076 707 0			
REACH Reg. 01-2119474879-16C14-16-12 Alkyl phenolINDEX -1 $\leq x < 1,5$ STOT RE 2 H373, Skin Sens. 1B H317EC 931-468-2CAS -REACH Reg. 01-2119488288-19Paraffin olis (petroleum), actalytic dewaxed heavy paraffinic1 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-70-71 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-70-71 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-70-71 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-70-71 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-70-71 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-76-71 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-76-71 $\leq x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411CAS 64742-65-01 $\leq x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411CAS 64742-65-01 $\leq x < 1,5$ Skin Irrit. 2 H315; Aquatic Chronic 2 H411CAS 64742-76-71 $\leq x < 1,5$ Skin Irrit. 2 H315; Aquatic Chronic 2 H411CAS 64742-761 $\leq x < 1,5$ Skin Irrit. 2 H315; Aquatic Chronic 2 H411CAS 64742-761 $\leq x < 1,5$ Skin Irrit. 2 H315; Aquatic Chronic 2 H411				
C14-16-19 Alkyl phendINDEX - $1 \le x < 1,5$ STOT RE 2 H373, Skin Sens. 1B H317CRS -1 \le x < 1,5				
INDEX - $1 \le x < 1,5$ STOT RE 2 H373. Skin Sens. 1B H317EC 391-4682 CAS -CAS -STOT RE 2 H373. Skin Sens. 1B H317REACH Reg. 01-2119498288-19 Paraffinic iiis (petroleum), scalarlic dewaxed heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LREC 285-1744 CAS 64742-70-7 REACH Reg. 01-2119487080-42 distillates (petroleum), solvent- dewaxed heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LREC 285-169-7 CAS 64742-65-0 REACH Reg. 01-211947129-27 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LDistillates (petroleum), hydrotexel deway paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LREACH Reg. 01-211947129-27 Distillates (petroleum), hydrotexel deway paraffinic INDEX - $1 \le x < 1,5$ Eye Dam. 1 H304, Classification note according to Annex VI to the CLP Regulation: LREACH Reg. 01-2119484627-25 zinc bis (dithiophosphate), bis (D- (emetryHearyH)) and bis (D- (emetryHearyH)) and bis (D- (emetryHearyHearyH)) CAS 93819-94-4 REACH Reg. 01-2119484726-33 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 285-159-2 CAS 64742-56-9 REACH Reg. 01-2119480132-43 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LREC 285-159-2 CAS 64742-56-9 REACH Reg. 01-2119480132-43 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the	•			
EC 931-469-2 CASI $x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LParaffin dis (petroleum), catalytic dewaxed heavy Paraffinic distillates (petroleum), solvent- dewaxed heavy paraffinic to DEX - 11 $\leq x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-174-1 CAS 64742-70-7 REACH Reg. 01-211947080-42 distillates (petroleum), solvent- dewaxed heavy paraffinic hydrotreated heav		1 < Y < 1 5	STAT DE 2 4272 Skin Sana 10 4217	
CAS - REACH Reg. 01-2119498288-19 Paraffin 018 (petroleum), catalytic downwe drevy INDEX - 1 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: L CAS 6474270-7 REACH Reg. 01-2119487080-42 distillates (petroleum), solvent- downwe drevy paraffinic INDEX - 1 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: L CAS 64742-86-0 REACH Reg. 01-2119471299-27 Distillates (petroleum), haven NUCEX - 1,5 C 265-157-1 CAS 64742-86-7 REACH Reg. 01-2119471299-27 Distillates (petroleum), haven NUCEX - 1,5 REACH Reg. 01-2119484627-25 zinc bis (dithlophosphate), bis [O- (sec- bufy]) Distillates (petroleum), haven REACH Reg. 01-2119484627-25 Zinc bis (dithlophosphate), bis [O- (sec- Bufy]) Distillates (petroleum), haven Zinc bis (dithlophosphate), bis [O- (sec- Bufy]) Distillates (petroleum), haven Zinc bis (dithlophosphate), bis [O- (sec- Zinc bis (dithlophosphate), bis [O- (sec- Bufy]) Distillates (petroleum), haven Zinc bis (dithlophosphate), bis [O- (sec- Zinc bis (sec- Zinc bis (dithlophosphate),		1 = X < 1,5	3101 NE 2110/3, 3Kill 3elis. 1011317	
REACH Reg. 01-2119498288-19Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LParaffine of the performance of the performa				
Partific oils (petroleum), catalytic NDEX - $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-1744 CAS 64742-70-7 REACH Reg. 01-2119487080-42 distillates (petroleum), solvent- dewaxed heavy partifine INDEX - $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-169-7 CAS 64742-65-0 REACH Reg. 01-2119471299-27 $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-169-7 CAS 64742-65-0 REACH Reg. 01-2119471299-27 $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-169-7 CAS 64742-65-0 REACH Reg. 01-2119484627-25 $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LINDEX - $0 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LINDEX - $0 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LInte bis diffusions/bashet bis (D- tore) NDEX - $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 289-577-9 $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 289-579-9 $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2 CAS 64742-66-9 $1 \le x < 1.5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2 CAS 6				
dewaxed heavy INDEX · $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCC 265-174.4LAsp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 64742-70-7LAsp. Tox. 1 H304, Classification note according to Annex VI to the CLPREACH Reg. 01-2119487080-42 distillates (petroleum), solvent- dewaxed heavy paraffinic INDEX -LREACH Reg. 01-2119471299-27Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LC 265-169-7LAsp. Tox. 1 H304, Classification note according to Annex VI to the CLPREACH Reg. 01-2119448267-26Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LC 265-157-1LAsp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1LSkin Irrit. 2 H315, Skin Irrit. 2 H315, Aquatic Chronic 2 H411C 2 88-677-9LSkin Irrit. 2 H315, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 286-579-0Skin Irrit. 2 H315, E 2,65%, Eye Dam. 1 H318, E 12,5%, Eye Irrit. 2 H319; ENDEX -1 $\le x < 1,5$ Skin Irrit. 2 H315, E 2,65%, Eye Dam. 1 H318, E 12,5%, Eye Irrit. 2 H319; EC 286-579-0L $\le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LC 286-579-0L $\le x < 1,5$ Skin Irrit. 2 H315, E 2,65%, Eye Dam. 1 H318, E 12,5%, Eye Irrit. 2 H319; EC 286-579-1Skin Irrit. 2 H315, E 2,65%, Eye Dam. 1 H318, E 12,5%, Eye Irrit. 2 H319; EC 286-519-2ReactH Reg. 01-21194800132-48C 2 285-	-			
Regulation: LRegulation: LCAS 64742-70-7REACH Reg. 01-2119487080-42distillates (petroleum), solvent-dewaxed heavy paraffinicINDEX -1 $\leq x < 1,5$ CAS 64742-65-0REACH Reg. 01-2119471299-27Distillates (petroleum), holymertificNDEX -1 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLPRec 2 65-169-7CAS 64742-65-0REACH Reg. 01-2119471299-27Distillates (petroleum), hydrotreated heavy paraffinicINDEX -1 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLPReC 2 65-157-1CAS 64742-54-7REACH Reg. 01-2119484627-25zinc bis (dithiophosphate), bis [O-(sec-bury)]MUTUR -1 $\leq x < 1,5$ EC 298-577-9CAS 93819-94-4REACH Reg. 01-2119543726-33Distillates (petroleum), holvent-dewaxed light paraffinicINDEX -1 $\leq x < 1,5$ EC 266-159-2CAS 94742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavyparaffinic + hydrotreatingINDEX -1 $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLPPREC 286-159-2CAS 94742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavyparaffinic + hydrotreatingINDEX 64-947-0-98I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLPPRE				
EC 285:1744Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEXACH Reg. 01-2119487080-42 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:169-7TTReach Reg. 01-2119471299-27Distillates (petroleum), hydrotreated heavy paraffinic INDEX -1 \le x < 1,5Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:167-1T1 \le x < 1,5Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:157-1TSkin Irrit. 2 H316, Classification note according to Annex VI to the CLP Regulation: LEC 265:157-1Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 265:157-1Skin Irrit. 2 H315, E (25%, Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 285:77-9Skin Irrit. 2 H315; E (25%, Eye Dam. 1 H318; E 12,5%, Eye Irrit. 2 H319; E 10%CAS 93819-94-4Skin Irrit. 2 H315; E (25%, Eye Dam. 1 H318; E 12,5%, Eye Irrit. 2 H319; E 10%REACH Reg. 01-211948405726:33Skin Irrit. 2 H315; E (25%, Eye Dam. 1 H318; E 12,5%, Eye Irrit. 2 H319; E 10%Distillates (petroleum), solvent-dewarde light paraffinic INDEX -1 ≤ x < 1,5	INDEX -	1 ≤ x < 1,5		nex VI to the CLP
REACH Reg. 01-2119487080-42 distillates (petroleum), solvent- NDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-169-7 CAS 64742-65-0 REACH Reg. 01-2119471299-27 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LDistillates (petroleum), hydrotreated heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 CAS 64742-54-7 EC 265-157-1 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 CAS 64742-54-7 Index 10, 1-2119484627-25 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit, 2 H315, Aquatic Chronic 2 H411EC 295-577-9 Distillates (petroleum), holos IO- (Genethylheptyl)) and bis [O- (Genethylheptyl)] INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit, 2 H315, Aquatic Chronic 2 H411EC 295-577-9 Distillates (petroleum), solvent- (Regulation: L $1 \le x < 1,5$ Kap. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 295-577-9 Distillates (petroleum), solvent- (Rescue Intervention	EC 265-174-4		กษัฐนาสแบท. L	
REACH Reg. 01-2119487080-42 distillates (petroleum), solvent- NDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-169-7 CAS 64742-65-0 REACH Reg. 01-2119471299-27 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LDistillates (petroleum), hydrotreated heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 CAS 64742-54-7 EC 265-157-1 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 CAS 64742-54-7 Index 10, 1-2119484627-25 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit, 2 H315, Aquatic Chronic 2 H411EC 295-577-9 Distillates (petroleum), holos IO- (Genethylheptyl)) and bis [O- (Genethylheptyl)] INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit, 2 H315, Aquatic Chronic 2 H411EC 295-577-9 Distillates (petroleum), solvent- (Regulation: L $1 \le x < 1,5$ Kap. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 295-577-9 Distillates (petroleum), solvent- (Rescue Intervention	CAS 64742-70-7			
distillates (petroleum), solvent- dewaked heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:169-7FEACH Reg. 01-2119471299-27Fegulation: LDistillates (petroleum), hydrotreated heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:157.1 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:157.1 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265:157.1 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411CAS 64742:54-7 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 295:577.9 $1 \le x < 1,5$ Skin Irrit. 2 H315; $\ge 6,25\%$ , Eye Dam. 1 H318; $\ge 12,5\%$ , Eye Irrit. 2 H319; $\ge 10\%$ CAS 93819-94-4 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 205:159-2 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 205:159-2 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 205:159-2 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 205:159-2 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LBEACH Reg. 01-2119480132:48 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification	REACH Reg. 01-2119487080-42			
INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-169-7CAS 64742-65-0REACH Reg. 01-2119471299-27Partitilets (petroleum), hydrotreated heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1CAS 64742-54-7REACH Reg. 01-2119484627-25Zinc bis (dithiophosphate), bis [O- (G-methylhepty)]) and bis [O- (sec- butyl)]I \le x < 1,5	-			
Regulation: LRegulation: LReacH Reg. 01-2119471299-27Distillates (petroleum), hydrotreated heavy paraffinic INDEX -1 $\le x < 1,5$ REACH Reg. 01-2119484627-25zinc bis (dithiophosphate), bis [O- (6methylheptyl]) and bis [O- (sec- butyl]) INDEX -1 $\le x < 1,5$ EC 295-157-1CAS 64742-54-7REACH Reg. 01-2119484627-25zinc bis (dithiophosphate), bis [O- (6methylheptyl]) and bis [O- (sec- butyl])NDEX -1 $\le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 295-577-9CAS 93819-94-4REACH Reg. 01-2119543726-33Distillates (petroleum), solvent- dewaxed light paraffinic LINDEX -LINDEX -1 $\le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 295-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-67-00-8LINDEX 649-67-00-8LI $\le x < 1,5$ Asp. Tox. 1 H304Cassification note according to Annex VI to the CLP Regulation: LCo 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-67-00-8LI $\le x < 1,5$ Asp. Tox. 1 H304Cassification note according to Annex VI to the CLP Regulation: LCassification note according to Annex VI to the CLP Regulation: LCassification note according to Annex VI to the		1 1	Acro Tay 1 1004 Classification note according to Arm	
EC 265-169-7CAS 64742-65-0REACH Reg. 01-2119471299-27Distillates (petroleum), hydrotreated heavy paraffinic INDEX -INDEX -1 $\leq$ x < 1,5	INDEX -	I ≤ X < I,5		lex VI to the CLP
REACH Reg. 01-2119471299-27I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1I $\leq x < 1,5$ Eve Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411CAS 64742-54-7I $\leq x < 1,5$ Eve Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 298-577-9I $\leq x < 1,5$ Skin Irrit. 2 H315; $\geq 6,25\%$ , Eye Dam. 1 H318; $\geq 12,5\%$ , Eye Irrit. 2 H319; $\geq 10\%$ CAS 93819-94-4I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 298-577-9I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LCAS 93819-94-4I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LGas 64742-56-9I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LGas 64742-56-9I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LGas 64742-56-9I $\leq x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulati	EC 265-169-7			
Distillates (petroleum), hydrotreated heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 CAS 64742-54-7 REACH Reg. 01-2119484627-25 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1 CAS 64742-54-7 REACH Reg. 01-2119484627-25 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 285-77-9 $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411CAS 93819-94-4 REACH Reg. 01-2119543726-33Skin Irrit. 2 H315; $\ge 6,25\%$ , Eye Dam. 1 H318; $\ge 12,5\%$ , Eye Irrit. 2 H319; $\ge 10\%$ Distillates (petroleum), solvent- dewaxed light paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2 CAS 64742-56-9 REACH Reg. 01-2119480132-48 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: Ledistillates (petroleum), heavy Paraffinic Hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: Ledistillates (petroleum), heavy Paraffinic Hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304edistillates (petroleum), heavy Paraffinic Hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304edistillates (petroleum), heavy Paraffinic Hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304	CAS 64742-65-0			
hydroteated heavy paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: L EC 265-157-1 CAS 64742-54-7 REACH Reg. 01-2119484627-25 zinc bis (dithiophosphate), bis [O- (6-methyliheptyl)] and bis [O- (6-methyliheptyl] and bis [O- (6-methylihept	REACH Reg. 01-2119471299-27			
EC 265-157-1 CAS 64742-54-7 REACH Reg. 01-2119484627-25 zinc bis (dithiophosphate), bis [O- (6-methylheptyl)] and bis [O · (sec- butyl)] INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411 EC 298-577-9 CAS 93819-94-4 REACH Reg. 01-2119543726-33 Distillates (petroleum), solvent- dewaxed light paraffinic INDEX - $1 \le x < 1,5$ EC 265-159-2 CAS 64742-56-9 REACH Reg. 01-2119480132-48 distillates (petroleum), heavy paraffinic + hydorreating INDEX 649-467-00-8 E $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: L Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: L EC 265-159-2 CAS 64742-56-9 REACH Reg. 01-2119480132-48 distillates (petroleum), heavy paraffinic + hydorreating INDEX 649-467-00-8 I $\le x < 1,5$ Asp. Tox. 1 H304	hydrotreated heavy paraffinic	1≤x< 1,5	Asp. Tox. 1 H304, Classification note according to Ann	ex VI to the CLP
CAS 64742-54-7 REACH Reg. 01-2119484627-25 zinc bis (dithiophosphate), bis [O- (6-methylheptyl)] and bis [O- (sec- butyl)] INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411 EC 298-577-9 Skin Irrit. 2 H315: $\ge 6,25\%$ , Eye Dam. 1 H318: $\ge 12,5\%$ , Eye Irrit. 2 H319: $\ge 10\%$ CAS 93819-94-4 REACH Reg. 01-2119543726-33 Distillates (petroleum), solvent- Gewaxed light paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: L EC 265-159-2 CAS 64742-56-9 REACH Reg. 01-2119480132-48 distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304	EC 265-157-1		Regulation: L	
REACH Reg. 01-2119484627-25zinc bis (dithiophosphate), bis [O- (6-methylheptyl)] and bis [O- (sec- butyl)]INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 298-577-9Skin Irrit. 2 H315: $\ge 6,25\%$ , Eye Dam. 1 H318: $\ge 12,5\%$ , Eye Irrit. 2 H319: $\ge 10\%$ CAS 93819-94-4REACH Reg. 01-2119543726-33Distillates (petroleum), solvent- dewaxed light paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: Ldistillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304EC 265-157-1 $1 \le x < 1,5$ Asp. Tox. 1 H304				
zinc bis (dithiophosphate), bis [O- (G-methylheptyl)] and bis [O- (see- butyl)]INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 298-577-9Skin Irrit. 2 H315: $\ge 6,25\%$ , Eye Dam. 1 H318: $\ge 12,5\%$ , Eye Irrit. 2 H319: $\ge 10\%$ CAS 93819-94-4Kach Reg. 01-2119543726-33REACH Reg. 01-2119543726-33Jistillates (petroleum), solvent- dewaxed light paraffinic INDEX -INDEX -1 $\le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48I $\le x < 1,5$ distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-81 $\le x < 1,5$ Asp. Tox. 1 H304EC 265-157-1				
(6-methylheptyl)] and bis [O- (sec- butyl)]INDEX - $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 298-577-9Skin Irrit. 2 H315: $\ge 6,25\%$ , Eye Dam. 1 H318: $\ge 12,5\%$ , Eye Irrit. 2 H319: $\ge 10\%$ CAS 93819-94-4Image: CAS 93819-94-4REACH Reg. 01-2119543726-33Image: CAS 93819 the transform of transform of the transform of transform of the tran	•			
INDEX $1 \le x < 1,5$ Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 2 H411EC 298-577-9Skin Irrit. 2 H315: $\ge 6,25\%$ , Eye Dam. 1 H318: $\ge 12,5\%$ , Eye Irrit. 2 H319: $\ge$ 10%CAS 93819-94-4REACH Reg. 01-2119543726-33Distillates (petroleum), solvent- dewaxed light paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9CAS 64742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304EC 265-157-1	(6-methylheptyl)] and bis [O- (sec-			
EC 298-577-9Skin Irrit. 2 H315: $\geq$ 6,25%, Eye Dam. 1 H318: $\geq$ 12,5%, Eye Irrit. 2 H319: $\geq$ 10%CAS 93819-94-4INITIAL 2 H315: $\geq$ 6,25%, Eye Dam. 1 H318: $\geq$ 12,5%, Eye Irrit. 2 H319: $\geq$ 10%REACH Reg. 01-2119543726-33Distillates (petroleum), solvent- dewaxed light paraffinic INDEX -INDEX -1 $\leq$ x < 1,5		1≤x< 1,5	Eve Dam. 1 H318, Skin Irrit. 2 H315, Aguatic Chronic 2	2 H411
CAS 93819-94-410%REACH Reg. 01-2119543726-33Distillates (petroleum), solvent- dewaxed light paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48Harmonic Hold of the classification note according to Annex VI to the CLP Regulation: Ldistillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304EC 265-157-1 $1 \le x < 1,5$ Asp. Tox. 1 H304		, -		
REACH Reg. 01-2119543726-33Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LINDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48I \le x < 1,5				
Distillates (petroleum), solvent- dewaxed light paraffinic $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-157-1				
dewaxed light paraffinic INDEX - $1 \le x < 1,5$ Asp. Tox. 1 H304, Classification note according to Annex VI to the CLP Regulation: LEC 265-159-2CAS 64742-56-9REACH Reg. 01-2119480132-48distillates (petroleum), heavy paraffinic + hydrotreating INDEX 649-467-00-8INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304	-			
Regulation: L         EC 265-159-2         CAS 64742-56-9         REACH Reg. 01-2119480132-48         distillates (petroleum), heavy         paraffinic + hydrotreating         INDEX 649-467-00-8       1 ≤ x < 1,5				
EC 265-159-2         CAS $64742-56-9$ REACH Reg. 01-2119480132-48         distillates (petroleum), heavy         paraffinic + hydrotreating         INDEX $649-467-00-8$ $1 \le x < 1,5$ Asp. Tox. 1 H304         EC 265-157-1	INDEX -	1 ≤ x < 1,5		nex VI to the CLP
CAS $64742-56-9$ REACH Reg. $01-2119480132-48$ distillates (petroleum), heavy         paraffinic + hydrotreating         INDEX $649-467-00-8$ $1 \le x < 1,5$ Asp. Tox. 1 H304         EC $265-157-1$	EC 265-159-2			
REACH Reg. 01-2119480132-48         distillates (petroleum), heavy         paraffinic + hydrotreating         INDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304         EC 265-157-1				
distillates (petroleum), heavy paraffinic + hydrotreatingINDEX 649-467-00-8 $1 \le x < 1,5$ Asp. Tox. 1 H304EC 265-157-1				
EC 265-157-1	distillates (petroleum), heavy paraffinic + hydrotreating	1 <v -="" 15<="" td=""><td>Asp. Toy. 1 H304</td><td></td></v>	Asp. Toy. 1 H304	
		· = ^ \ 1,0	10p. 107. 1 100 <del>1</del>	
CAS 64742-54-7				

The full wording of hazard (H) phrases is given in section 16 of the sheet.

BARDAHL	MAROIL S.R.L.	Revision nr. 7
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
		Page n. 4/17
		Replaced revision:6 (Printed on: 08/11/2021)

## **SECTION 4. First aid measures**

#### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

## **SECTION 5. Firefighting measures**

#### 5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

#### 5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

#### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## **SECTION 6. Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.



# MAROIL S.R.L.

Revision nr. 7

# XTA Synthetic Special Oil 5W-40

Dated 09/11/2022

Printed on 09/11/2022

Page n. 5/17

Replaced revision:6 (Printed on: 08/11/2021)

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## **SECTION 7. Handling and storage**

#### 7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

#### 7.3. Specific end use(s)

Information not available

## **SECTION 8. Exposure controls/personal protection**

#### 8.1. Control parameters

Regulatory References:

NLD	Nederland		Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, van het Arbeidsomstandighedenbesluit						
distillates	(petroleum), hydrot	reated heavy	/ paraffinic						
Predicted no	o-effect concentration - F	NEC							
Normal valu	e for the food chain (sec	ondary poisonii	ng)		9,33	mg	/kg		
Health - D	erived no-effect leve	el - DNEL / D	MEL						
		Effects on consumers				Effects on workers			
Route of exp	posure /	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation				1,2 mg/m3	VND			5,4 mg/m3	VND
zinc bis (dithiophosphate), bis [O- (6-methylheptyl)] and bis [O- (sec-butyl)]									
Predicted no	o-effect concentration - P	NEC	· · · · · ·						
Normal valu	e in fresh water				0,004	mg	/I		

			MAROIL	. S.R.L.			Revision nr. 7	
BARDAHL								
•						1	Dated 09/11/2022	
		XTA Sy	nthetic S	pecial Oil	5W-40		Printed on 09/11/2022	
			•				Page n. 6/17	
							Replaced revision:6 (Prin	ted on: 08/11/202
Normal value in marine water				0,0046	mg	1/1		
Normal value for fresh water sedime	ent			0,0116	5	/kg		
Normal value for marine water sedire				0,00116	-	/kg		
Normal value of STP microorganism				100	mg	-		
Normal value for the food chain (see		ing)		10,67	-			
Normal value for the terrestrial com		iirig)		0,00528		/kg		
Health - Derived no-effect lev	-			0,00528	ing	/kg		
	Effects on	JWIEL			Effects on			
	consumers Acute local	Acute systemic	Chronic local	Chronic	workers Acute local	Acute	Chronic local	Chronic
Oral			VND	systemic 0,24 mg/kg		systemic		systemic
Inhalation			VND	2,11 mg/m3			VND	8,31 mg/m3
Skin			VND	0,29 mg/kg			VND	0,58 mg/kg
Skill			VIND	0,29 mg/kg			VIND	0,56 mg/kg
Distillates (petroleum), hydro	treated heav	w paraffinic						
Predicted no-effect concentration - I		y paramite						
Normal value for the food chain (see	condary poison	ling)		9,33	mg	ı/kg		
Health - Derived no-effect lev		DMEL			<b>F</b> (( )			
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			1,2 mg/m3	VND			5,4 mg/m3	VND
Inhalation			1,2 mg/m3				5,4 mg/m3	
distillates (petroleum), solver		heavy paraffinic	1,2 mg/m3				5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I		heavy paraffinic	1,2 mg/m3	VND			5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water		heavy paraffinic	1,2 mg/m3	VND 0,1	mg	//	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water	PNEC	heavy paraffinic	1,2 mg/m3	0,1 0,01	mg	//	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime	PNEC	heavy paraffinic	1,2 mg/m3	0,1 0,01 132000	mg	/l /l /kg	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime	PNEC ent ment	heavy paraffinic	1,2 mg/m3	0,1 0,01 132000 13200	mg mg mg	// // /kg	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for water, intermittent	PNEC ent ment release	heavy paraffinic	1,2 mg/m3	VND 0,1 0,01 132000 13200 1	mg mg mg mg	/l /l /kg /l	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedim Normal value for water, intermittent Normal value of STP microorganism	PNEC ent ment release ns		1,2 mg/m3	VND 0,1 0,01 132000 13200 1 1	mg mg mg mg mg	// // /kg // //	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value of STP microorganism Normal value of STP microorganism	PNEC ent ment release ns condary poison		1,2 mg/m3	VND 0,1 0,01 132000 13200 1 1 9,33	mg mg mg mg mg mg	/l /l /kg /l /l /kg	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedim Normal value for water, intermittent Normal value of STP microorganism Normal value for the food chain (see Normal value for the terrestrial com	PNEC ent ment release ns condary poison partment	ing)	1,2 mg/m3	VND 0,1 0,01 132000 13200 1 1	mg mg mg mg mg mg	// // /kg // //	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for water, intermittent Normal value of STP microorganism Normal value of the food chain (see Normal value for the terrestrial comp Health - Derived no-effect lev	PNEC ent ment release ns condary poison partment	ing)	1,2 mg/m3	VND 0,1 0,01 132000 13200 1 1 9,33	mg mg mg mg mg mg Effects on	/l /l /kg /l /l /kg	5,4 mg/m3	
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for the terestrial comp Health - Derived no-effect lev	ent ment release condary poison partment el - DNEL / E Effects on consumers	ing)		VND 0,1 0,01 132000 13200 1 1 9,33 263000	mg mg mg mg mg mg mg Effects on workers	// // //kg // // // //kg //kg		VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedim Normal value for water, intermittent Normal value of STP microorganism Normal value of STP microorganism Normal value for the food chain (sed Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure	PNEC ent ment release condary poison partment e <b>I - DNEL / E</b> Effects on	ing)	Chronic local	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic	mg mg mg mg mg mg Effects on	/l /l /kg /l /l /kg	Chronic local	VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for the terestrial comp Health - Derived no-effect lev	ent ment release condary poison partment el - DNEL / E Effects on consumers	ing)		VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic	mg mg mg mg mg mg mg Effects on workers	//1 //kg //kg //1 //kg //kg Acute		VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedim Normal value for water, intermittent Normal value of STP microorganism Normal value for the food chain (see Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure Inhalation	PNEC ent ment release ns condary poison partment rel - DNEL / E Effects on consumers Acute local	ing) DMEL Acute systemic	Chronic local	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic	mg mg mg mg mg mg mg Effects on workers	//1 //kg //kg //1 //kg //kg Acute	Chronic local	VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedim Normal value for water, intermittent Normal value of STP microorganism Normal value of STP microorganism Normal value for the food chain (sed Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure	PNEC ent ment release ns condary poison partment rel - DNEL / E Effects on consumers Acute local	ing) DMEL Acute systemic	Chronic local	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic	mg mg mg mg mg mg mg Effects on workers	//1 //kg //kg //1 //kg //kg Acute	Chronic local	VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for water, intermittent Normal value of STP microorganism Normal value of STP microorganism Normal value for the food chain (see Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure Inhalation distillates (petroleum), heavy Threshold Limit Value	PNEC ent ment release ns condary poison partment rel - DNEL / E Effects on consumers Acute local	ing) DMEL Acute systemic	Chronic local	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic	mg mg mg mg mg mg mg Effects on workers	//I //kg //kg //I //kg //kg Acute systemic	Chronic local 5,4 mg/m3	VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for water, intermittent Normal value of STP microorganism Normal value of STP microorganism Normal value for the food chain (see Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure Inhalation distillates (petroleum), heavy Threshold Limit Value	PNEC ent ment release ns condary poison partment rel - DNEL / E Effects on consumers Acute local	ing) DMEL Acute systemic hydrotreating	Chronic local	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic VND	mg mg mg mg mg mg mg Effects on workers	//I //kg //kg //I //kg //kg Acute systemic	Chronic local 5,4 mg/m3	VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for water, intermittent Normal value of STP microorganism Normal value of STP microorganism Normal value for the food chain (see Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure Inhalation distillates (petroleum), heavy Threshold Limit Value	PNEC ent ment release ns condary poison partment rel - DNEL / E Effects on consumers Acute local	ing) DMEL Acute systemic hydrotreating TWA/8h	Chronic local 1,2 mg/m3	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic VND STEL/15min	mg mg mg mg mg mg Effects on workers Acute local	//I //kg //kg //I //kg //kg Acute systemic	Chronic local 5,4 mg/m3	VND
distillates (petroleum), solver Predicted no-effect concentration - I Normal value in fresh water Normal value in marine water Normal value for fresh water sedime Normal value for marine water sedime Normal value for marine water sedime Normal value for water, intermittent Normal value of STP microorganism Normal value of STP microorganism Normal value for the food chain (see Normal value for the terrestrial comp Health - Derived no-effect lev Route of exposure Inhalation distillates (petroleum), heavy Threshold Limit Value	PNEC ent ment release ns condary poison partment rel - DNEL / I Effects on consumers Acute local	ing) DMEL Acute systemic hydrotreating TWA/8h mg/m3	Chronic local 1,2 mg/m3	VND 0,1 0,01 132000 13200 1 1 9,33 263000 Chronic systemic VND STEL/15min	mg mg mg mg mg mg Effects on workers Acute local	//I //kg //kg //I //kg //kg Acute systemic	Chronic local 5,4 mg/m3	VND

BARDAHL	MAROIL S.R.L.	Revision nr. 7					
•		Dated 09/11/2022					
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022					
		Page n. 7/17					
		Replaced revision:6 (Printed on: 08/11/2021)					
	i						
C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.							
VND = hazard identified but no DNEL/ medium hazard ; HIGH = high haza	PNEC available ; NEA = no exposure expected ; NPI = no hazard identif rd.	ied ; LOW = low hazard ; MED =					

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## **SECTION 9.** Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	yellowish	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	



# MAROIL S.R.L.

Revision nr. 7

# **XTA Synthetic Special Oil 5W-40**

Dated 09/11/2022

Printed on 09/11/2022

Page n. 8/17

Replaced revision:6 (Printed on: 08/11/2021)

Upper explosive limit	not available
Opper explosive inflit	not available
Flash point	205 °C
Auto-ignition temperature	not available
Decomposition temperature	not available
рН	not available
Kinematic viscosity	82 cSt
Solubility	not available
Partition coefficient: n-octanol/water	not available
Vapour pressure	not available
Density and/or relative density	0,85 kg/l
Relative vapour density	not available
Particle characteristics	not applicable

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

### Information not available

9.2.2. Other safety characteristics

Viscosita a 40°C	82,28 cSt
Viscosità a 100°C	13,86 cSt
Punto di scorrimento	-36°C
Consistenza	Non pertinente
Punto di gocciolamento	Non pertinente

## **SECTION 10. Stability and reactivity**

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

#### 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials

Information not available

		Revision nr. 7
	MAROIL S.R.L.	
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
	·, · · · · · · · · · · · · · · · · · ·	Page n. 9/17
		Replaced revision:6 (Printed on: 08/11/2021)
10.6. Hazardous decomposition pro	ducts	
Information not available		
SECTION 11 Toxicologic	alinformation	
SECTION 11. Toxicologic		
11.1. Information on hazard classes	as defined in Regulation (EC) No 1272/2008	
Metabolism, toxicokinetics, mechanism	n of action and other information	
Information not available		
Information on likely routes of exposur	e	
	-	
Information not available		
Delayed and immediate effects as well	l as chronic effects from short and long-term exposure	
Information not available		
Interactive effects		
Information not available		
ACUTE TOXICITY		
ATE (Inhalation) of the mixture: ATE (Oral) of the mixture:	Not classified (no significant component) Not classified (no significant component)	
ATE (Dermal) of the mixture:	Not classified (no significant component)	
lubricating oils (petroleum), C20-50, ba	ased on neutral oil	
LD50 (Dermal):	> 2000 mg/kg Coniglio - OECD Guideline 402	
LD50 (Oral):	> 5000 mg/kg Ratto - OECD Guideline 401	
LC50 (Inhalation vapours):	> 5,53 mg/l/4h Ratto - OECD Guideline 403	
lubricating oils (petroleum), C15-30, no	eutral oil based, hydrotreated	
	······, <b>/</b> · ·········	
LD50 (Dermal):	> 5000 mg/kg Coniglio	
LD50 (Oral):	> 5000 mg/kg Ratto	

	MAROIL S.R.L.	Revision nr. 7
<b>```</b>		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
		Page n. 10/17 Replaced revision:6 (Printed on: 08/11/2021)
LC50 (Inhalation mists/powders):	> 5000 mg/l/4h Ratto	
distillates (petroleum), hydrotreated her	avy paraffinic	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):	<ul> <li>&gt; 5000 mg/kg Coniglio - OECD Guideline 402</li> <li>&gt; 5000 mg/kg Ratto - OECD Guideline 401</li> <li>&gt; 5,53 mg/l/4h Ratto - OECD Guideline 403</li> </ul>	
lubricating oils (petroleum), C20-50, ne	utral oil based, hydrotreated	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):	<ul> <li>&gt; 5000 mg/kg Coniglio - OECD Guideline 402</li> <li>&gt; 5000 mg/kg Ratto - OECD Guideline 401</li> <li>&gt; 5,53 mg/l/4h Ratto - OECD Guideline 403</li> </ul>	
Distillates (petroleum), solvent-dewaxe	d light paraffinic	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation mists/powders):	> 5000 mg/kg OECD Guideline 402 - Ratto > 5000 mg/kg OECD Guideline 401 - Ratto 2,18 mg/l/4h Equivalente o similaare a OECD Guide	eline 403 - Ratto
zinc bis (dithiophosphate), bis [O- (6-m	ethylheptyl)] and bis [O- (sec-butyl)]	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):	> 3160 mg/kg Coniglio - Equivalente o similare a Of 2600 mg/kg Ratto > 2 mg/l/1h Ratto - Equivalente o similare a OECD (	
Distillates (petroleum), hydrotreated he	avy paraffinic	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):	<ul> <li>&gt; 5000 mg/kg Coniglio - OECD Guideline 402</li> <li>&gt; 5000 mg/kg Ratto - OECD Guideline 401</li> <li>&gt; 5,53 mg/l/4h Ratto - OECD Guideline 403</li> </ul>	
distillates (petroleum), solvent-dewaxed	d heavy paraffinic	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):	<ul> <li>&gt; 5000 mg/kg Conigilo - OECD Guideline 402</li> <li>&gt; 5000 mg/kg Ratto - OECD Guideline 401</li> <li>&gt; 5,53 mg/l/4h Ratto - OECD Guideline 403</li> </ul>	
Paraffin oils (petroleum), catalytic dewa	axed heavy	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation vapours):	> 5000 mg/kg OECD Guideline 402 - Coniglio > 5000 mg/kg OECD Guideline 401 - Ratto 2,18 mg/l/4h Equivalente o similare a OECD Guidel	ine 403 - Ratto
C14-16-18 Alkyl phenol		
LD50 (Dermal): LD50 (Oral):	<ul><li>&gt; 2000 mg/kg Ratto - OECD Guideline 402</li><li>&gt; 2000 mg/kg Ratto - OECD Guideline 423</li></ul>	
distillates (petroleum), heavy paraffinic	+ hydrotreating	
LD50 (Dermal): LD50 (Oral): LC50 (Inhalation mists/powders):	> 5000 mg/kg bw Coniglio - OECD Guideline 402 > 5000 mg/kg bw Ratto - OECD Guideline 401 2,18 mg/l/4h Ratto - Equivalente o similare a OECD	Guideline 403
SKIN CORROSION / IRRITATION		

	MAROIL S.R.L.	Revision nr. 7
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
		Page n. 11/17
		Replaced revision:6 (Printed on: 08/11/2021)
Does not meet the classification criteri	a for this hazard class	
SERIOUS EYE DAMAGE / IRRITATIO	<u>2N</u>	
Does not meet the classification criteri	a for this hazard class	
RESPIRATORY OR SKIN SENSITISA	<u>\TION</u>	
Does not meet the classification criteri	a for this hazard class	
Skin sensitization		
C14-16-18 Alkyl phenol Experimental test carried out on the "	SALICILATO" component contained as an impurity C14-16-18 Alkyl phe	nol EC number: 931-468-2   CAS number:
1190625-94-5 Method: OECD 406 (Skin Sensitization	n), Buehler Test	
Species: Guinea pig Results: Non-sensitizing to the skin.		
Reference: SDS of the European supp Note: the substance "SALICYLATE" i	is not dangerous, therefore it does not appear in section 3.2 of the SDS	S, the impurity C14-16-18 Alkyl phenol EC
number: 931-468-2 appears; CAS number: 1190625-94-5 which as a substance is sensitizing.		
GERM CELL MUTAGENICITY		
Does not meet the classification criteri	a for this hazard class	
CARCINOGENICITY		
Does not meet the classification criteri	a for this hazard class	
REPRODUCTIVE TOXICITY		
Does not meet the classification criteri	a for this hazard class	
STOT - SINGLE EXPOSURE		

BARDAHL	MAROIL S.R.L.	Revision nr. 7
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
		Page n. 12/17
		Replaced revision:6 (Printed on: 08/11/2021)

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 82 cSt

## 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

# **SECTION 12. Ecological information**

### 12.1. Toxicity

zinc bis (dithiophosphate), bis [O- (6- methylheptyl)] and bis [O- (sec-butyl)] EC50 - for Crustacea	5,4 mg/l/48h Daphnia magna - OECD Guideline 202
EC50 - for Algae / Aquatic Plants	2 mg/l/72h Selenastrum capricornutum UTEX 1648 - OECD Guideline 201
C14-16-18 Alkyl phenol	
LC50 - for Fish	> 100 mg/l/96h Cyprinus carpio - OECD Guideline 203
EC50 - for Crustacea	> 100 mg/l/48h Daphnia magna - OECD Guideline 202
EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h Pseudokirchnerella subcapitata -
lubricating oils (petroleum), C15-30, neutral oil based, hydrotreated Chronic NOEC for Algae / Aquatic Plants	> 100 mg/l/72h Alghe
distillates (petroleum), hydrotreated heavy paraffinic	
EC50 - for Crustacea	> 10000 mg/l/48h Dafnia
Chronic NOEC for Crustacea	10 mg/l/21d Dafnia
12.2. Persistence and degradability	
lubricating oils (petroleum), C20-50, based on neutral oil Entirely degradable	
OECD Guideline 301 F	

	MAROIL S.R.L.	Revision nr. 7	
BARDAHL			
		Dated 09/11/2022 Printed on 09/11/2022	
	XTA Synthetic Special Oil 5W-40	Page n. 13/17	
		Replaced revision:6 (Printed on: 08/11/2021)	
zinc bis (dithiophosphate), bis [O- (6 methylheptyl)] and bis [O- (sec-butyl) NOT rapidly degradable			
OECD Guideline 301 B C14-16-18 Alkyl phenol			
Degradability: information not availal	ole		
lubricating oils (petroleum), C20-50, oil based, hydrotreated Entirely degradable	neutral		
OECD Guideline 301 F lubricating oils (petroleum), C15-30, oil based, hydrotreated Entirely degradable	neutral		
OECD Guideline 301 F distillates (petroleum), hydrotreated paraffinic Entirely degradable	heavy		
OECD Guideline 301 F Distillates (petroleum), hydrotreated paraffinic Entirely degradable	heavy		
OECD Guideline 301 F Distillates (petroleum), solvent-dewa paraffinic Degradability: information not availal			
distillates (petroleum), solvent-dewa heavy paraffinic Entirely degradable	xed		
OECD Guideline 301 F Paraffin oils (petroleum), catalytic de heavy Entirely degradable	waxed		
OECD Guideline 301 F 12.3. Bioaccumulative potential			
Information not available			
12.4. Mobility in soil			
Information not available			
12.5. Results of PBT and vPvB asse	ssment		
On the basis of available data, the pro	duct does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.		

BARDAHL	MAROIL S.R.L.	Revision nr. 7
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
		Page n. 14/17
		Replaced revision:6 (Printed on: 08/11/2021)

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

# **SECTION 13. Disposal considerations**

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

## Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## **SECTION 14. Transport information**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

	MAROIL S.R.L.	Revision nr. 7
BARDAHL		
		Dated 09/11/2022
		Printed on 09/11/2022
	XTA Synthetic Special Oil 5W-40	
		Page n. 15/17 Replaced revision:6 (Printed on: 08/11/2021)
		heplaced revision.o (Finited on: 00/11/2021)
14.5. Environmental hazards		
not applicable		
14.6. Special precautions for user		
and any Proble		
not applicable		
14.7. Maritime transport in bulk acco	ording to IMO instruments	
	-	
Information not relevant		
CECTION 15 Description	information.	
SECTION 15. Regulatory	information	
15.1. Safety, health and environme	ental regulations/legislation specific for the substance or mixture	
····· ·····,, ······		
Seveso Category - Directive 2012/18/E	EU: None	
Restrictions relating to the product or c	contained substances pursuant to Annex XVII to EC Regulation 1907/2006	
None		
Regulation (EU) 2019/1148 - on the m	arketing and use of explosives precursors	
not applicable		
Substances in Candidate List (Art. 59	REACH)	
On the basis of available data, the pro-	duct does not contain any SVHC in percentage $\geq$ than 0,1%.	
Substances subject to authorisation (A		
None		
Substances subject to exportation repo	orting pursuant to Regulation (EU) 649/2012:	
None		
Substances subject to the Rotterdam (	Convention:	
Nono		
None		
Substances subject to the Stockholm (	Convention:	
None		

BARDAHL	MAROIL S.R.L.	Revision nr. 7
		Dated 09/11/2022
	XTA Synthetic Special Oil 5W-40	Printed on 09/11/2022
	-,	Page n. 16/17
		Replaced revision:6 (Printed on: 08/11/2021)

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

# **SECTION 16.** Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Asp. Tox. 1	Aspiration hazard, category 1
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
Eye Dam. 1	Serious eye damage, category 1
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
H304	May be fatal if swallowed and enters airways.
H373	May cause damage to organs through prolonged or repeated exposure.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect) CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- **OEL: Occupational Exposure Level**
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit

MAROIL S.R.L.       Revision nr. 7         Dated 09/11/2022       Dated 09/11/2022         Yrinted on 09/11/2022       Printed on 09/11/2022         Page n. 17/17       Replaced revision:6 (Printed on: 08/1         - TWA STEL: Short-term exposure limit       - VOC: Volatile organic Compounds         - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation       - WGK: Water hazard classes (German).         GENERAL BIBLIOGRAPHY       1. Regulation (EC) 1907/2006 (REACH) of the European Parliament         2. Regulation (EC) 1272/2008 (CLP) of the European Parliament       2. Regulation (EL) 2020/878 (II Annex of REACH Regulation)		
TWA STEL: Short-term exposure limit       Dated 09/11/2022         - TWA STEL: Short-term exposure limit       Printed on 09/11/2022         - VOC: Volatile organic Compounds       Printed on: 08/1         - VPB: Very Persistent and very Bioaccumulative as for REACH Regulation       Printed on: 08/1         GENERAL BIBLIOGRAPHY       1. Regulation (EC) 1907/2006 (REACH) of the European Parliament         2. Regulation (EC) 1272/2008 (CLP) of the European Parliament	AROIL S.R.L.	
XTA Synthetic Special Oil 5W-40       Printed on 09/11/2022         Page n. 17/17       Replaced revision:6 (Printed on: 08/1         - TWA STEL: Short-term exposure limit       - VOC: Volatile organic Compounds         - VPVB: Very Persistent and very Bioaccumulative as for REACH Regulation       - WGK: Water hazard classes (German).         GENERAL BIBLIOGRAPHY       1. Regulation (EC) 1907/2006 (REACH) of the European Parliament         2. Regulation (EC) 1272/2008 (CLP) of the European Parliament		
- TWA STEL: Short-term exposure limit     - VOC: Volatile organic Compounds     - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation     - WGK: Water hazard classes (German).  GENERAL BIBLIOGRAPHY 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament		
- TWA STEL: Short-term exposure limit     - VOC: Volatile organic Compounds     - vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation     - WGK: Water hazard classes (German).  GENERAL BIBLIOGRAPHY 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament	etic Special Oil 5W-40 Printed on 09/11/2022	
<ul> <li>TWA STEL: Short-term exposure limit</li> <li>VOC: Volatile organic Compounds</li> <li>vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation</li> <li>WGK: Water hazard classes (German).</li> </ul> GENERAL BIBLIOGRAPHY <ol> <li>Regulation (EC) 1907/2006 (REACH) of the European Parliament</li> <li>Regulation (EC) 1272/2008 (CLP) of the European Parliament</li> </ol>		
<ul> <li>- VOC: Volatile organic Compounds</li> <li>- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation</li> <li>- WGK: Water hazard classes (German).</li> </ul> GENERAL BIBLIOGRAPHY <ol> <li>Regulation (EC) 1907/2006 (REACH) of the European Parliament</li> <li>Regulation (EC) 1272/2008 (CLP) of the European Parliament</li> </ol>	Replaced revision:6 (Printed on: 08/11/2021)	
<ul> <li>13. Regulation (EC) 2020/2009 (1 Atp. CLP) of the European Parliament</li> <li>5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament</li> <li>6. Regulation (EU) 87/2013 (V Atp. CLP) of the European Parliament</li> <li>7. Regulation (EU) 87/2013 (V Atp. CLP) of the European Parliament</li> <li>8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament</li> <li>9. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament</li> <li>10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament</li> <li>11. Regulation (EU) 2016/181 (VII Atp. CLP) of the European Parliament</li> <li>12. Regulation (EU) 2016/181 (VII Atp. CLP) of the European Parliament</li> <li>13. Regulation (EU) 2016/1779 (X Atp. CLP)</li> <li>14. Regulation (EU) 2018/69 (XI Atp. CLP)</li> <li>15. Regulation (EU) 2018/69 (XI Atp. CLP)</li> <li>16. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)</li> <li>17. Regulation (EU) 2019/1148</li> <li>18. Delegated Regulation (UE) 2021/142 (XV Atp. CLP)</li> <li>19. Delegated Regulation (UE) 2021/182 (XV Atp. CLP)</li> <li>20. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)</li> <li>21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)</li> <li>22. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)</li> <li>23. Delegated Regulation (UE) 2022/2692 (XVIII Atp. CLP)</li> <li>24. Delegated Regulation (UE) 2022/2692 (XVII Atp. CLP)</li> <li>25. Delegated Regulation (UE) 2022/1849 (XVII Atp. CLP)</li> <li>26. Delegated Regulation (UE) 2022/1849 (XVII Atp. CLP)</li> <li>27. Delegated Regulation (UE) 2022/1849 (XVII Atp. CLP)</li> <li>28. Delegated Regulation (UE) 2022/1849 (XVII Atp. CLP)</li> <li>29. Delegated Regulation (UE) 2022/1849 (XVII Atp. CLP)</li> <li>20. Delegated Regulation (UE) 2022/1849 (XVII Atp. CLP)</li> <li>21. Delegated Regulation (UE) 2022/2692 (XVIII Atp. CLP)</li> <li>22. Delegated Regulation (UE) 2022/2693 (XVII Atp. CLP)</li> <li>23. The Merck Index 10th Edition</li> <li>24. HARS - Fiche Toxicologique (toxicological sheet)</li> <li< th=""><th>ulation</th><th><ul> <li>VOC: Volatile organic Compounds</li> <li>vPvB: Very Persistent and very Bioac</li> <li>WGK: Water hazard classes (German</li> <li>WGK: Water hazard classes (German</li> <li>Regulation (EC) 1907/2006 (REACH</li> <li>Regulation (EC) 1272/2008 (CLP) of</li> <li>Regulation (EU) 2020/878 (II Annex</li> <li>Regulation (EU) 2020/878 (II Annex</li> <li>Regulation (EU) 286/2011 (II Atp. CL</li> <li>Regulation (EU) 286/2011 (II Atp. CL</li> <li>Regulation (EU) 487/2013 (IV Atp. CI</li> <li>Regulation (EU) 944/2013 (V Atp. CI</li> <li>Regulation (EU) 944/2013 (V Atp. CI</li> <li>Regulation (EU) 2015/1221 (VII Atp. CI</li> <li>Regulation (EU) 2016/1129 (IVI Atp. CI</li> <li>Regulation (EU) 2016/1179 (IX Atp. CI</li> <li>Regulation (EU) 2016/1179 (IX Atp. CI</li> <li>Regulation (EU) 2017/776 (X Atp. CI</li> <li>Regulation (EU) 2019/521 (XII Atp. 15. Regulation (EU) 2019/521 (XII Atp. 16. Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2021/64</li> <li>Delegated Regulation (UE) 2022/64</li> <li>The Merck Index 10th Edition</li> <li>Handling Chemical Safety</li> <li>INRS - Fiche Toxicologique (toxicolog</li> <li>Patty - Industrial Hygiene and Toxicolog</li> </ul></th></li<></ul>	ulation	<ul> <li>VOC: Volatile organic Compounds</li> <li>vPvB: Very Persistent and very Bioac</li> <li>WGK: Water hazard classes (German</li> <li>WGK: Water hazard classes (German</li> <li>Regulation (EC) 1907/2006 (REACH</li> <li>Regulation (EC) 1272/2008 (CLP) of</li> <li>Regulation (EU) 2020/878 (II Annex</li> <li>Regulation (EU) 2020/878 (II Annex</li> <li>Regulation (EU) 286/2011 (II Atp. CL</li> <li>Regulation (EU) 286/2011 (II Atp. CL</li> <li>Regulation (EU) 487/2013 (IV Atp. CI</li> <li>Regulation (EU) 944/2013 (V Atp. CI</li> <li>Regulation (EU) 944/2013 (V Atp. CI</li> <li>Regulation (EU) 2015/1221 (VII Atp. CI</li> <li>Regulation (EU) 2016/1129 (IVI Atp. CI</li> <li>Regulation (EU) 2016/1179 (IX Atp. CI</li> <li>Regulation (EU) 2016/1179 (IX Atp. CI</li> <li>Regulation (EU) 2017/776 (X Atp. CI</li> <li>Regulation (EU) 2019/521 (XII Atp. 15. Regulation (EU) 2019/521 (XII Atp. 16. Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2020/21</li> <li>Delegated Regulation (UE) 2021/64</li> <li>Delegated Regulation (UE) 2022/64</li> <li>The Merck Index 10th Edition</li> <li>Handling Chemical Safety</li> <li>INRS - Fiche Toxicologique (toxicolog</li> <li>Patty - Industrial Hygiene and Toxicolog</li> </ul>
- IFA GESTIS website	- IFA GESTIS website	
<ul> <li>ECHA website</li> <li>Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy</li> </ul>	(Istituto Superiore di Sanità) - Italy	

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review: The following sections were modified: 03 / 08 / 09 / 11 / 12 / 15.