

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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SARMAX HYDRAULIC OIL 32

Revision 0

Revision date 2024-02-16

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name SARMAX HYDRAULIC OIL 32

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU0] Other; [PC24] Lubricants, greases, release products;

Description Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company SAR LUBRICANTS
Address Squire A. Radcliffe & Sons Limited
 Gill Bridge Oil Works,
 Lowlands Road,
 MIRFIELD WF14 8LU
 England
Web www.sarlubricants.co.uk
Telephone 00 44 (0) 1924 494 371
Fax 00 44 (0) 1924 498940
Email sds@sarlubricants.co.uk
Email address of the competent person enquiries@sarlubricants.co.uk

1.4. Emergency telephone number

Emergency telephone number 00 44 (0) 1924 494 371
Company Squire A. Radcliffe & Sons Ltd
 Mon - Fri 9.00am - 5.00 pm
 NPIS
 NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales)
 Email: sds.npis@nhs.net

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Aquatic Chronic 3: H412;

2.2. Label elements

Hazard Statement Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statement: Prevention P273 - Avoid release to the environment.

Precautionary Statement: Disposal P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards This product does not contain any known or suspected endocrine disruptors.

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SECTION 3: Composition/information on ingredients**3.2. Mixtures****EC 1272/2008**

Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
2,6-di-tert-butylphenol		128-39-2	204-884-0		0 - 0.5%	Skin Irrit. 2: H315; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self contained breathing apparatus and protective clothing. Avoid contact with eyes and skin.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing and eye/face protection. Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

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6.4. Reference to other sections

See section 2, 8 and 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

Suitable packaging

Store in original container.

7.3. Specific end use(s)

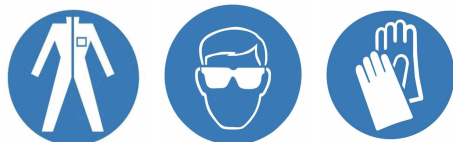
See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Wear suitable gloves.

Skin protection - Other

Wear suitable protective clothing.

Respiratory protection

Wear suitable respiratory equipment when necessary.

8.2.3. Environmental exposure controls

Avoid release to the environment.

Occupational exposure controls

Avoid prolonged or repeated exposure. Keep away from food, drink and animal feedingstuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light yellow
Odour	Characteristic
Odour threshold	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	> 150 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative Vapour Density	No data available
Density / Relative Density	0.84 (H ₂ O = 1 @ 20 °C)
Autoignition temperature	No data available
Viscosity	32 cSt (ASTM D445)
Oxidising properties	No data available
Solubility	Insoluble in water

9.2. Other information

Gas group	No data available
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9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
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9.2.2. Other safety characteristics

	No data is available on this product.
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Will not decompose if stored and used as recommended.
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10.4. Conditions to avoid

	No data is available on this product.
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10.5. Incompatible materials

	No data is available on this product.
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10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.

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11.1 Information on hazard classes

Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	No data is available on this product.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

11.1.4. Toxicological Information

	No data available
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11.2 Information on other hazards

	No data is available on this product.
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SECTION 12: Ecological information

12.2. Persistence and degradability

	Not readily biodegradable.
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12.3. Bioaccumulative potential

	Specific test data for the mixture is not available.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
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12.6 Endocrine disrupting properties

	This product does not contain any known or suspected endocrine disruptors.
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12.7 Other adverse effects

	None known.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.
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General information

	Contact a licensed waste disposal company.
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Disposal methods

	This material and its container must be disposed of as hazardous waste.
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Disposal of packaging

	Empty containers can be sent for disposal or recycling.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information**Other information****Acronyms**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;
 ADR - Agreement concerning the International Carriage of Dangerous Goods by Road;
 AIIC - Australian Inventory of Industrial Chemicals;
 ASTM - American Society for the Testing of Materials; bw - Body weight;
 CMR - Carcinogen, Mutagen or Reproductive Toxicant;
 DIN - Standard of the German Institute for Standardisation;
 DSL - Domestic Substances List (Canada);
 ECx - Concentration associated with x% response;
 ELx - Loading rate associated with x% response;
 EmS - Emergency Schedule;
 ENCS - Existing and New Chemical Substances (Japan);
 ErCx - Concentration associated with x% growth rate response;
 GHS - Globally Harmonized System;
 GLP - Good Laboratory Practice;
 IARC - International Agency for Research on Cancer;
 IATA - International Air Transport Association;
 IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;
 IC50 - Half maximal inhibitory concentration;
 ICAO - International Civil Aviation Organization;
 IECSC - Inventory of Existing Chemical Substances in China;
 IMDG - International Maritime Dangerous Goods;
 IMO - International Maritime Organization;

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Other information

	<p>ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; N.O.S. -Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS -Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative.</p>
Text of Hazard Statements in Section 3	<p>Skin Irrit. 2: H315 - Causes skin irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>

Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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