

MAGNA SUPER LONG DRAIN 10W40

1227

Supplier

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1. Identification of the product and the company

Identification of the product : Oily liquid.
Use : Automobile industry
Company identification : See distributor.

2. Information on ingredients

* This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr	EINECS nr	EC index	CERTIFICATE
Polyolefin polyamine succinimide, borated	: to 1.45 %	----	----	----	N; R51-53
Polyolefin polyamine succinimide, Polyol	: to 2.48 %	----	----	----	R53
MOB Calcium branched chain alkyl phenate sulphide	: to 3.3 %	----	291-829-9	----	R53
Zinc alkylidithiophosphate	: to 1.04 %	----	272-028-3	----	Xi; R38-41 N; R51-53
Zincalkaryldithiophosphate	: to 0.83 %	----	308-565-8	----	N; R51-53
MOB Calcium branched chain phenate and long chain olefin sulphide	: to 0.83 %	----	276-559-1	----	Xi; R38 R53

3. Hazards identification

* Environmental hazard : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Symptoms relating to use

- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4. First aid measures

First aid

- Inhalation : Not expected to require first aid measures.
- Skin contact : Wash skin thoroughly with mild soap and water.
- Eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- Ingestion : DO NOT INDUCE VOMITING.
Rinse mouth.
Seek medical attention immediately.

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5. Fire - fighting measures

Prevention	: No smoking.
Extinguishing media	: Foam. Dry chemical. Carbon dioxide.
Special procedures	: Exercise caution when fighting any chemical fire.

6. Accidental release measures

Personal precautions	: No smoking.
After spillage and/or leakage	: Spill area may be slippery. Dike for recovery or absorb with appropriate material. Use suitable disposal containers.

7. Handling and storage

General	: No naked flames. No smoking.
Storage	: Keep at temperature not exceeding 40°C Store in dry, well-ventilated area.
Handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking or when leaving work.
Transport temperature	: Keep at temperature not exceeding 40°C

8. Exposure controls / personal protection

Personal protection	
- Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Skin protection	: No special clothing/skin protection equipment is recommended under normal conditions of use.
- Eye protection	: Goggles.
- Ingestion	: When using, do not eat, drink or smoke.
Industrial hygiene	: No special protection required where adequate ventilation is maintained.
* Occupational Exposure Limits	: 5 mg/m ³ for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

9. Physical and chemical properties

Physical state	: Oily liquid.
Colour	: Yellow-brown.
Odour	: Oil.
pH value	: Not applicable.
Density [g/dm ³]	: 874
Vapour density (101.3 kPa/air=1)	: >12
Viscosity at 40°C [mm ² /s]	: 93
Solubility in water	: Negligible.
Flash point [°C] (ASTM D 92)	: >220
Auto-ignition temperature [°C]	: No data available.
Explosion limits (vol% in air)	: LEL: 1.0 UEL: 6.0
Log P octanol / water at 20°C	: No data available.

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10. Stability and reactivity

Hazardous decomposition products	: None under normal conditions.
Hazardous reactions	: None under normal conditions.
Hazardous properties	: None under normal conditions.
Materials to avoid	: Strong oxidizers. Acids. Bases.

11. Toxicological information

Rat oral LD50 [mg/kg]	: No data available.
Inhalation	: Negligible hazard at ambient/normal handling temperatures. Elevated temperatures or mechanical action may form vapours, mists, or fumes, which may be irritating to the nose, throat and lungs.
Skin contact	: Repeated or prolonged skin contact may cause irritation.
Eye contact	: Slightly irritant, does not damage eye tissue
Ingestion	: Low level of acute/systematic toxicity. Minute amounts aspirated into the lungs during ingestion or vomiting may cause severe pulmonary injury and death.

12. Ecological information

* Ecological effects information	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
* Persistence and degradability	: Not soluble in water, so only minimally biodegradable.

13. Disposal considerations

Disposal	: Dispose in a safe manner in accordance with local/national regulations.
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14. Transport information

General information	: Not regulated.
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15. Regulatory information

Symbol(s)	: None.
* R Phrase(s)	: R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
* S Phrase(s)	: S35 - This material and its container must be disposed of in a safe way. S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.
* Safety advises	: Contains : - LOB Calcium long chain alkarylsulphonate. May produce an allergic reaction.

16. Other information

Text of R-Phrases in § 2	: R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R53 - May cause long-term adverse effects in the aquatic environment.
Further information	: Revision - See : *
Print date	: 26/1/2005

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16. Other information (continued)

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