



Material Safety Data Sheet

8364

Version nr : 1.00

7100 ESTER 4T 20W-50

Revised : 07/10/2005

Supersedes : / /

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media
dry powder
foam
- Extinguishing media which must not be used for safety reasons
carbon dioxide (CO2)
high volume water jet
- Specific hazards
Incomplete combustion produces toxic gases, such as CO, CO2, various forms of hydrocarbons, aldehydes etc., and soots. Inhalation is extremely dangerous.
- Specific methods
In the event of fire, wear self-contained breathing apparatus.
- Under fire conditions:
Dispose of promptly.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions
Depending on the risk of exposure, wear gloves, goggles, and protective clothing.
- Environmental precautions
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Do not let product enter drains.
Local authorities should be advised if significant spillages cannot be contained.
- Methods for cleaning up
For environmental protection remove and wash all contaminated protective equipment before re-use.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Contaminated surfaces will be extremely slippery.
Prevent product from entering drains.
Use personal protective equipment.
Shovel into suitable container for disposal.

7. HANDLING AND STORAGE

Handling

- Technical measures/Precautions
Provide sufficient air exchange and/or exhaust in work rooms.
- Safe handling advice
Avoid contact with skin and eyes.

Storage

- Technical measures/Storage conditions
Use only receptacles, joints, pipes, etc, which are resistant to hydrocarbons.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Do not let product enter drains.
Keep away from food, drink and animal feeding stuffs.
Keep out of reach of children.
Do not smoke.
Store in original container.
Keep in a bunded area.
- Incompatible products
Incompatible with oxidising agents.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION



Personal protective equipment

Respiratory protection

Hand protection (EN 420, EN 374-3)

Eye protection (EN 166)

Skin and body protection (DIN - EN 465)

Hygiene measures

Breathing apparatus needed only when aerosol or mist is formed.
protective gloves

Glove material : nitrile rubber

Layer thickness : 0,11 mm

Breakthrough time : > 480 Min.

safety glasses

As required, wear a face mask, fluid-proof protective clothing, and safety boots (when handling drums)

Don't wear ring, watch or similar thing which will be able to hold the product and may give rise to some skin diseases,

Handle in accordance with good industrial hygiene and safety practice.

When using do not eat or drink.

Avoid contact with the skin and the eyes.

Take off all contaminated clothing immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	liquid
Colour	red
pH	Not applicable
Flash point	
open cup	287 °C ASTM D 92
Water solubility	insoluble
Solubility in other solvents	Soluble in hydrocarbons
	soluble
Viscosity	124 mm ² /s 40°C ASTM D 445
Explosion limits	not applicable
Specific gravity	864 kg/m ³ 20°C NF T 60-101

10. STABILITY AND REACTIVITY

Stability	Stable at normal conditions
Materials to avoid	Incompatible with oxidising agents.
Hazardous decomposition products	Incomplete combustion produces toxic gases, such as CO, CO ₂ , various forms of hydrocarbons, aldehydes etc., and soots. Inhalation is extremely dangerous.

11. TOXICOLOGICAL INFORMATION

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<u>Local effects</u>	The following toxicological data shown are those obtained from tests on products of similar composition in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.	
<u>Acute toxicity</u>	Health injuries are not known or expected under normal use.	
Ingestion	Weakly toxic	
Eye contact	Mild eye irritation	
Skin contact	Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.	
Inhalation	Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.	
Chronic toxicity	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.	
12. ECOLOGICAL INFORMATION		
Mobility	Soil : In consideration of its physical and chemical characteristics, the product has only slight mobility in the soil. Water : Insoluble, the product spreads over the surface of the water. Do not flush into surface water or sanitary sewer system.	
Aquatic toxicity Ecotoxicity effects	no data available	
13. DISPOSAL CONSIDERATIONS		
Waste from residues / unused products	Send to an approved Waste Collector Collect all waste in suitable and labelled containers and dispose of in compliance with licence from HMIP issued under sections 6 & 7 of the Radioactive Substances Act 1960. Do not flush into surface water or sanitary sewer system.	
Contaminated packaging	Where possible recycling is preferred to disposal or incineration. The user's attention is drawn to the possible existence of local regulations regarding disposal. Send to an approved Waste Collector In accordance with local and national regulations.	
EWC waste disposal No: NOTE	130202 - non-chlorinated engine, gear and lubricating oils "Avis relatif à la nomenclature ds déchets du 11/11/1997"	
14. TRANSPORT INFORMATION		
<u>Land transport</u>		
Class	not regulated	
<u>Sea transport</u>		
Class	not regulated	
<u>Air transport</u>		
Class	not regulated	
15. REGULATORY INFORMATION		

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EC Label

The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

Special regulations on certain preparations

This product contains - Calcium Alkaryl sulfonate
May produce an allergic reaction.

France

This safety data sheet complies with the recommendations of European Community and French regulations. Contact your local branch for adaptation to specific national requirements.

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16. OTHER INFORMATION

16. Other information

This dossier supplements the technical notifications for use, but does not replace them. The information which it contains is based on our knowledge relating to the product in question on the date indicated. The information is given in good faith. The user's attention is also drawn to possible risks incurred if a product is employed for uses other than those for which it was designed. The information dossier does not, under any circumstances, discharge the user from the obligation of being aware of, and of applying, all the texts which govern his sphere of activity. He shall be solely responsible for taking the precautions associated with the use which he makes of the product. All the statutory provisions referred to are intended simply to assist the recipient in fulfilling the obligations incumbent upon him. This enumeration must not be considered to be exhaustive. The recipient must ensure that no obligations are incumbent upon him, as a result of texts other than those cited, relating to the holding and handling of the product, for which he alone is responsible.

Text of R phrases mentioned in Section 2

- R41 - Risk of serious damage to eyes.
- R43 - May cause sensitization by skin contact.
- 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.

This data sheet conforms to standards defined by directives 2001/58/CE
Data sheet prepared by MOTUL.

IMPORTANT: The information in this Data Sheet applies only to the products designated herein and produced or supplied by us. It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge.

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