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EYES and SKIN: wash with plenty of water; if the irritation persists, seek medical advice.

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5. Fire-fighting measures

Closed containers exposed to the heat of a fire may lead to pressure rise and explode. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet. Extinguishing measures: CO₂, foam, AFFF, chemical powder for flammable liquids. Water may not be effective to extinguish the fire, nevertheless it should be used to cool the containers exposed to flames and prevent fires and explosions. For leakage and spillage that have not caught fire, nebulized water may be used to disperse the flammable vapours and protect the people involved in stopping the leakage. Equipment: wear equipment complete with helmet and face shield and protection of the neck, self-breathing apparatus at pressure or demand, insulative jacket and trousers, with bands around the arms, legs and waist.

6. Accidental release measures

Exclude sources of ignition and ventilate the area. Cover with inert absorbent material. Collect spillages by means of spark-proof equipment. Use water only to remove residuals, so as not to run the risk of enter the sewer. Do not let the product dry. Contaminated clothes must be left to soak in water before washing. In order to choose safety measures and protection equipment, please see the other sections of this sheet. Spillage in waters: remove the liquid from the surface with flame-proof pumps or manual pumps or suitable absorbent material. Resort to sinking and/or dispersion of the product with suitable substances in open waters, if permitted by the law.

7. Handling and storage

Avoid the accumulation of electrostatic charges. Store the containers sealed and in a well-ventilated place. Vapours may ignite with explosion, it is therefore necessary to avoid accumulation keeping the windows and doors open, ensuring cross-ventilation. Without adequate ventilation, the vapours may accumulate at the bottom and ignite at a distance, if triggered off with the risk of flashback. Keep far away from sources of heat, sparks and naked flames. Do not smoke, use matches or lighters. Keep the containers earthed while decanting and wear antistatic boots. Vigorous stirring and flow through the pipings and equipment may cause the formation of an accumulation of electrostatic charges due to the low conductivity of the product. In order to avoid the risk of fire outbreak and explosion never use compressed air during movement.

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8. Exposure controls/personal protection.

Follow the good industrial hygiene practices adopting suitable individual protective measures such as gloves and overalls. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift. Periodic health controls are recommended at the discretion of the doctor.

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9. Physical and chemical properties

Appearance Liquid
Colour Colourless
Odour white spirit
Flash point < 20ø
Solubility Soluble with organic solvents
Specific gravity vs air 0,738

10. Stability and reactivity

The product is stable in normal conditions of use and storage. When heated or in the event of a fire, carbonoxides may be released and vapours which are dangerous to health. The vapours may also form explosive mixtures with the air.

11. Toxicological information

Slight irritation of the eyes; symptoms may include redness, edema, pain and lacrimation. Other possible effects are: irritation of the upper respiratory tract with nose and throat pain, cough, sneezing; mild irritation of the skin on prolonged or repeated contact with erythema, swelling and itching. Ingestion is not a probable route of exposure, but may cause slight depression of the CNS, with symptoms consisting in: headache, dizziness, somnolence. Ingestion can also cause abdominal pain, with diarrhea and vomiting. No evidence has been reported regarding its carcinogenic, mutagenic and toxic effect on reproduction (teratogenesis).

12. Ecological information

Use in accordance with good working practices, avoiding dispersion of the product in the environment. In sections N. 10 and 16, data and judgements expressed on aquatic toxicity, motility, persistence and biodegradability, and bioaccumulation potential are reported.

13. Disposal considerations

To discharge observing the local laws in force.

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14. Transport informations

Road and rail transport
RID/ADR 3,31b 33/3295 3

Carriage by sea (shipping)
IMDG 3/II

Air transportation
ICAO/IATA 3

15. Regulatory information

Health hazard symbol
Physical hazard symbol

Xn HARMFUL
F HIGHLY FLAMMABLE

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- R11 HIGHLY FLAMMABLE.
- R51 TOXIC TO AQUATIC ORGANISMS.
- R65 HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED
- S 2 KEEP OUT OF REACH OF CHILDREN.
- S 9 KEEP CONTAINER IN A WELL-VENTILATED PLACE.
- S16 KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.
- S23 DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER).
- S24/25 AVOID CONTACT WITH SKIN AND EYES.
- S29 DO NOT EMPTY INTO DRAINS.
- S33 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
- S43 IN CASE OF FIRE, USE ... (INDICATE IN THE SPACE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES RISK, ADD "NEVER USE WATER").
- S45 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).
- S46 IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

Contains:
EXXSOL DSP 100/120

The medical check up is not compulsory for the personnel who are exposed to the product. However an annual check up and relative exams are advised whenever the doctor considers them to be necessary. The product does not require labelling as it is not included in the hazardous category.

16. Further information

The present sheet has been drawn up according to community regulations in force. General references: 1 - Directive 88/379/EEC 2 - Directive 91/325/EEC 3 - The Merck Index Ed. 10 4 - Handling Chemicals Safety 5 - Niosh - Registry of Toxic Effects of Chemical Substances 6 - INRS - Fiche
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Toxicologique 7 - Patty - Industrial Hygiene and Toxicology 8 - N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1988 9 - EEC Directive 93/18 of 5-4-93 (third revision Dir. 88/379) 10 - EEC Directive 93/21 of 27-4-93 (XVIII revision Dir. 67/548) 11 - IMO (Inter. Maritime Organization), Report N. 35, 1989. Note for the user: The data contained in this sheet are the result of the most up-to-date information available in our Company. The user must ensure that the information is suitable and complete in relation to the specific use of the product.