

NORSEKEM Limited, Unit 6c Stokes Farm, Binfield Road,
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6. Accidental Release Measures.

Personal safety precautions: Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves.

Measures for environmental protection: Inform authorities in case of contamination of water or sewage system. Do not allow product to soak into drains or water courses.

Methods for cleaning/collecting: Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

7. Handling and Storage.

Handling: Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

Information for safe handling: Keep in tightly closed containers. Take note of emission threshold.

Storage:

Requirements to be met by storerooms and containers: Store between 0-35°C. Protect from frost.

Information about storage in a common storage facility: Do not store in extremes of temperature or near foodstuffs.

Specific Uses: To be used as a lubricant/release agent.

8. Exposure Controls/Personal Protection.

Exposure limit values:

Occupational exposure controls:

Respiratory Protection: Unlikely to be necessary unless operations generate vapour, mist or fumes where the exposure cannot be controlled by local ventilation measures.

Eyes: Chemical eye goggles should be worn.

Hand: PVC or rubber gloves are recommended.

Skin: Use protective clothing. Remove contaminated clothing and wash with soap and water.

Environmental exposure controls:

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

9. Physical and Chemical Properties.

Appearance:	White Emulsion
Odour:	Bland
pH @ 5% in tap water:	9.50 typical
Boiling Point:	100°C
Flash Point:	>100°C
Flammability:	Non-Flammable
Vapour Pressure:	Water=18mm Hg
Water Solubility:	Forms emulsion
Specific Gravity @ 20°C:	0.990 typical
Freezing Point:	0°C

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10. Stability and Reactivity.

- Conditions to Avoid:** Naked flames, hot surfaces, other high temperature sources.
- Materials to Avoid:** Strong oxidising agents, strong acids. May soften some rubbers and other elastomeric sealing agents.
- Hazardous Decomposition:** Product is stable under normal conditions.

11. Toxicological Information.

- Eyes:** Contact may cause moderate irritation and stinging & transient irritation.
- Skin:** Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact with the undiluted product may lead to de-fatting of the skin, slight irritation or dermatitis.
- Inhalation:** Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.
- Ingestion:** Low order of acute toxicity. Ingestion of this product is not regarded as a significant health hazard likely to arise in normal use. Swallowing of significant quantities may cause discomfort, nausea and irritation of digestive tract.

12. Ecological Information.

Eco-toxicity: There is no data available on the product itself.

Mobility: The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. Avoid transfer into the environment.

Persistence and Degradability: The individual components of the product range from readily to poorly biodegradable. The components are not expected to be highly toxic to aquatic life. If released to water, the product may deplete the oxygen supply to bottom dwelling organisms.

Bio-accumulative Potential: Small quantities will be absorbed into the upper soil layer where bio-degradation takes place. Large quantities may penetrate into anaerobic soil layers in which some organic components (e.g. mineral oil) may persist. Mineral oil can have a potential to bio-accumulate.

13. Disposal Recommendations.

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations.

Wash out containers with water, running the washings to sewage treatment plant system. Dispose of empty containers in accordance with local and national regulations.

Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

14. Transport Information.

Product is not classified as hazardous for transport.

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15. Regulatory Information.

Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (CHIP).

Risk Phrases: None

Safety Phrases: S2: Keep out of reach of children
 S24/25: Avoid contact with eyes and skin

National Regulations:

Regulations which may apply in event of accident:

Control of Major Accident Hazards (COMAH)

Critical quantity values according to the regulations on accidents should be adhered to.

16. Other Information.

Do not mix with other chemicals. Do not add other materials to the product or dilute emulsions unless recommended. Emulsions should be maintained at the recommended concentration in order to minimise health hazards. In particular, water can evaporate leading to an increase in concentration which may in turn lead to an increased likelihood of skin de-fatting and irritation. The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2002 (CHIP 3). This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

R - Phrases relevant to the products hazardous ingredients:

R36/38: Irritating to eyes & skin

Recommended Restrictions on Use:

Department issuing data specification sheet: Health and Safety Department

Contact: Robin Wells. Tel 0845 4027663, E-mail: <mailto:sales@norsekem.co.uk>

* **Date compared to the previous version altered.**

Legal Disclaimer:

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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