

Material Safety Data Sheet

(According to 1907/2006 EC, Article31)



File Code : 0.21030

Issued : 25.12.2015

Reviewed : 25.12.2015

1. Identification of substance

Trade name: INHEER HV SYN

Manufacture/Supplier: SHANGHAI INHEER INDUSTRIAL LTD., CO
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2. Hazards identification

Classification for substance or mixture: By handing of mineral oil products and chemical products no particular hazards is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

Information pertaining to particular dangers for man and environment: This product is water polluting, see item 12.

Classification system: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method of 1999/45 EC concerning specific data of compounds.

Label elements:

Label according to EU guidelines:

Observe the normal safety regulations when handing chemical or mineral oil products.

Additional information: This product is applied only as solution or emulsion in water.

3. Composition/Data on components

Chemical characterization: Mixture. Mixture of water, polymer and additives.

Dangerous components:

CAS No.	Designation	Content [%]	Index	Phrases
	(2,2',2''- Hexahydro-1,3,5-triazine-1,3,5-trily) triethanol	0.1-0.3	Xn	R22-43

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measure

General information: Change clothes and shoes contaminate or soaked by the product. Never put rags contaminated by the product into cloth-pockets.

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After inhalation: Seek medical treatment in case of complaints.
After skin contact: Instantly wash with running water and soap thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: Seek medical treatment.

Most important symptoms and effects, both acute and delayed:
No further relevant information available.
Indication of any immediate medical attention and special treatment needed:
Hand over this safety data sheet to the physician.

5. Firefighting measures

Suitable extinguishing agent: carbon dioxide, extinguishing power or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use firefighting measures that suitable for environment.
For safety reasons unsuitable extinguishing agent: Water with a full waters jet.

Special hazards arising from the substance or mixtures: No further relevant information available.

Advice for firefighters: Protective equipment:
In case of fire-fighting: Wear self-containing breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedure: Particular danger of slipping on leaked/spilled product.

Environmental precautions:

Do not allow to enter drainage system, surface or ground water. Prevent from spreading (e.g. by binding or oil barriers). Do not allow to enter the ground/soil.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binder, universal binders, sawdust). Dispose of the materials collected by rule processing.

Additional information: in general, this product is not burnable on account of its water-content.

7. Handling and storage

Handling:

Information for safe handling: Prevent formation of aerosols. Don't eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.

Information about protection against explosions and fires: No special measure required.

Conditions of safety storage, including incompatibilities:

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Requirements to be met by storerooms and containers: Keep original container tightly in dry, cool, well-ventilated place. Protect from heat resource and direct sunlight. Store under room temperature.
Information about storage in on common storage facility: Store away from foodstuffs.
Further information about storage conditions: Keep container tightly sealed.

8. Exposure controls and personal protection

Addition information about design of technical system: No further data; see item 7.

Components with critical values that require monitoring at the workplace:

CAS No.	Designation	Content [%]	Type	Value	Unit
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The product itself does not contain any relevant quantities of materials with critical value that have to be monitored at the workplace.

Additional information: The list that was valid during the compilation was used as basis.

Personal protective equipment: General protective and hygienic measures.

The usual precautionary measures should be adhered to in handling the chemicals and the mineral oil products. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work.

Avoid close or long term contact with the skin. Use skin protection cream for preventive skin protection.

Do not carry cleaning clothes impregnated with the product in trouser pockets.

Breathing equipment: Not required.

Protection of hand: Protective glove and protective skin cream.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also further marks of quality and varies from manufacturer. As the product is a preparation of several substances, the resistance of the glove material can't be calculated in advance and has therefore to be checked prior to the application.

Penetration time glove material: The exact break through time has to be found out by the manufacturer of the protective glove and has to be observed.

Eye protection: Safety glasses recommended during refilling.

Body protection: Protection work clothing.

9. Physical and chemical properties

Form:	Liquid
Color:	Blue
Smell	Characteristic
PH Value(10%)	9.5
Melting point / Freezing point	Not applicable

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Boiling point, Initial boiling point, Boiling range	Not applicable
Flash point	Not applicable
Explosion limit	Not applicable
Vapor pressure(25°C)	Not applicable
Vapor density	Not applicable
Density (15°C)	1.096 g/cm ³
Solubility in water	Miscible in water
n-Octanol/ Water partition coefficient (log Pow)	Not determined (24°C)
Self-ignition temperature	Not self-igniting
Thermal decomposition	No decomposition if used as prescribed.
Kinematic Viscosity(40°C)	33 mm ² /s
10. Stability and reactivity Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. Possibility of hazardous reactions: No dangerous reactions known. Hazardous decomposition products: No dangerous decomposition products known. Incompatible materials: No further relevant information available.	
11. Toxicological information Acute toxicity: Primary irritant effect: On the skin: The unsolved product could cause irritation on mucous membranes or skin, but this effect is not to be expected in solution or emulsion. On the eye: Irritant effect possible. Sensitization: May cause sensitization by skin contact. Additional toxicological information When used and handled according to specification, the product does not have any harmful effects according to our actual information.	
12. Ecological information Toxicity: Aquatic toxicity: No further relevant information available. Persistence and degradability: No further relevant information available. Bio accumulative potential: No data available.	

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Mobility in soil: No further relevant information available.

Ecological effects: Behavior in sewage processing plants: The product is soluble in the waste water.

General note: Do not allow to reach ground water, water bodies or sewage system.

13. Disposal considerations

Product:

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations. When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed. Delivery of waste oil only to officially authorized collectors.

Contaminated packaging:

Recommendation: Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Small one-way packaging has to be disposed according to the local regulations.

14. Transport information

UN Number: ADR, ADN, IMDG, IATA:	Void
UN Proper shipping name: ADR, ADN, IMDG, IATA:	Void
UN Hazard classification:	Void
Transport hazard class (es): ADR, ADN, IMDG, IATA:	Void
Packing group: ADR, IMDG, IATA:	Void
Environment hazards: Marine pollutant:	No
Special precautions for user:	Not applicable

Transport / additional information: No dangerous good acc. to dangerous goods / transport directions.

15. Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

National regulations: local regulations must be kept.

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 31.

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16. Other information

Reference:

- 1) GB/T 16483 Safety data sheet for chemical products- Content and order of sections
- 2) GB 13690 Genera rule for classification and hazard communication of chemicals
- 3) GB 6944 Classification and code of dangerous goods
- 4) GB/T 15098 The principle of classification of transport packaging groups of dangerous goods
- 5) UN Recommendation on the Transport to Dangerous Goods (UNRTDG)
- 6) Administrative Regulation on Road Transportation of Dangerous Goods(Issued by MoT)

Validity: The former version is invalid when new version is issued.

Relevant phrase.

Xn: harmful

R22: harmful if swallowed

R43: May cause sensitization by skin contact.

All ingredients are listed in the European Inventories. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet is a safety data sheet according to 1907/2006/EC, article 31. For products which are not subject to classification according to EU lists this data sheet is made on a voluntary base.