

Sosperse 400W

Ref. /US/EN

Revision Date: 06/17/2016

Previous date: 09/02/2015

Print Date:08/22/2016

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product name
Sosperse 400W

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture

Dispersant for solid substance.

Supplier's details

Kemira Chemicals, Inc.
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30339 Atlanta USA
Telephone+17704361542, Telefax. +17704363432

HEAD OFFICE
Kemira Oyj
P.O. Box 330
00101 HELSINKI
FINLAND
Telephone +358108611 Telefax +358108621124

Emergency telephone number

CHEMTREC: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

The material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard's (29CFR 1910.1200) implementation of the Globally Harmonized System (GHS), i.e., material is not a dangerous substance or mixture requiring GHS classification according to the US GHS regulations.

GHS-Labeling

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Other hazards which do not result in classification

Advice; Repeated or prolonged exposure may cause slight irritation of eyes and skin.
Inhalation; The breathing of vapours may cause: Respiratory irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances /Mixtures

Further information

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation

If breathing is difficult, remove to fresh air and provide oxygen. If not breathing, give artificial respiration. Seek medical attention if cough or other symptoms develop.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Eye contact

Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

Ingestion

Do not induce vomiting without medical advice. Consult a physician. Never give anything by mouth to an unconscious person.

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Most important symptoms and effects, both acute and delayed

Symptoms : No severe effects after a single exposure.

Indication of immediate medical attention and special treatment needed, if necessary

Treatment : All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂), Dry chemical, Foam, Water spray

Special hazards arising from the substance or mixture

Fire or intense heat may cause pressure to build-up in containers/tanks, which may cause a danger of explosion. This material will not burn until water has evaporated. Thermal decomposition can lead to release of irritating gases and vapours.

Carbon oxides (CO_x), Hydrocarbons, Fumes

Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Use NIOSH/MSHA approved respiratory protection.

Further information

Water in the container will lead to increased pressure and risk of explosion. Cool containers/tanks with water spray. Contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

Environmental precautions

In case of large spillage, contain by damming up. Should not be released into the soil, surface water or ground water system. Must be disposed of in accordance with local and national regulations.

Methods and materials for containment and cleaning up

In case of large spillage, contain by damming up. Collect by pump. Take up mechanically and collect into suitable containers for disposal. Must be disposed of in accordance with local and national regulations.

Small amounts: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces

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with water.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities

Store at room temperature in the original container. Keep tightly closed. Avoid freezing. Ensure adequate ventilation. Store in a place accessible by authorized persons only.

Materials to avoid:

strong oxidizer

Storage stability:

Other data

Recommended storage temperature

Storage temperature

5 - 43 °C

40 - 110 °F

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Form of exposure	Control parameters	Update	Basis
Contains no substances with occupational exposure limit values.						

Appropriate engineering controls

Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Handle in accordance with good industrial hygiene and safety practice.

Individual protection measures, such as personal protective equipment

Respiratory protection

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

Hand protection

Wear protective gloves.

Skin and body protection

Wear protective clothing if necessary. Rubber boots and apron.

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Eye protection

Safety glasses with side-shields

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid,
Colour	clear, yellow, to, amber
Odour	mild
Odour Threshold	not determined
pH	ca. 6.0 - 6.8
Freezing point :	ca. 32 °F
Initial boiling point and boiling range	Boiling point/boiling range > 194 °F Boiling point/boiling range > 90 °C
Flash point	> 200 °F (Tag closed cup)
Evaporation rate	similar to water
Explosive properties:	
Lower explosion limit	Not explosive
Upper explosion limit	Not explosive
Vapour pressure	Like water
Relative vapour density	> 1 (Air = 1.0)
Density	ca. 10.8 lb/gal (77 °F)
Relative density	ca. 1.29
Solubility(ies):	
Water solubility	dispersible
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	Not applicable, (water evaporates)
Viscosity:	
Viscosity, dynamic	< 200 cP (25 °C)

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10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions: Hazardous polymerisation does not occur.

Conditions to avoid

Conditions to avoid: Avoid extreme temperatures.
Material is stable under normal conditions.

Incompatible materials

Materials to avoid: strong oxidizer

Hazardous decomposition products

Hazardous decomposition products: In case of fire hazardous decomposition products may be produced such as:
Carbon oxides (COx)
Hydrocarbons
Smoke

Thermal decomposition: Note: Not applicable, (water evaporates)

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity Conclusion: No data is available on the product itself.

Skin corrosion/irritation Conclusion: No data is available on the product itself.

Respiratory or skin sensitisation

Skin sensitisation Conclusion: No data is available on the product itself.

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Germ cell mutagenicity

Genotoxicity in vitro

Remarks: No data available

Conclusion: No known effect.

Genotoxicity in vivo

Conclusion: No known significant effects or critical hazards.

Carcinogenicity

Carcinogenicity

No known effect.

Reproductive toxicity

Toxicity for reproduction

Remarks: No data available

Conclusion: No known effect.

Further information

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity

LC50/96 h/Salmo gairdneri (rainbow trout)/static test: 501 mg/l

Remarks: No data is available on the product itself.

Toxicity to other organisms

No data is available on the product itself.

Persistence and degradability

Bioaccumulative potential

No data is available on the product itself.

Partition coefficient: n-octanol/water: not determined

Mobility in soil

Water solubility: dispersible

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Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Product	Must be disposed of in accordance with local and national regulations. Do not release the material to drain, water system or soil to avoid contamination of the groundwater.
Contaminated packaging	Rinse package before disposal. Dispose of rinse water in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Land transport

Not classified as dangerous in the meaning of transport regulations.
HARMFUL - stow away from foodstuffs

Sea transport

Not classified as dangerous in the meaning of transport regulations.
HARMFUL - stow away from foodstuffs

Air transport

Not classified as dangerous in the meaning of transport regulations.
HARMFUL - stow away from foodstuffs

Special precautions for user

15. REGULATORY INFORMATION

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

SARA Title III Section 311 Categories

Immediate (Acute) Health Effects: No;
Delayed (Chronic) Health Effects: No;
Fire Hazard: No;
Sudden Release Of Pressure Hazard: No;
Reactivity Hazard: No;

SARA 302 Extremely Hazardous Substances

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section

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302.

None Present ()

SARA 313 - Specific Toxic Chemical Listings

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

None Present ()

US. CERCLA - Comprehensive Environmental Response, Compensation and Liability Act List

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

None Present ()

Notification status

- : All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.
- : All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).
- : This product's Australian Inventory of Chemical Substances (AICS) status has not been determined.
- : This product's Chinese Chemical Inventory status has not been determined.
- : This product's Korean (ECL) inventory status has NOT been determined.
- : This product's Philippine (PICCS) inventory status has NOT been determined.
- : This product's Japanese (ENCS) inventory status has NOT been determined.
- : This product's European Chemical Inventory (EINECS or ELINCS) status has NOT been determined.
- : This product's New Zealand Inventory of Chemical Substances (NZIoC) status has NOT been determined.
- : This product's Taiwan Toxic Chemical Substances Control Act Inventory status has NOT been determined.

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16. OTHER INFORMATION

HMIS Rating

Health: 1

Flammability: 1

Reactivity: 0

NFPA Rating

Health: 1

Fire: 1

Reactivity: 0

Training advice

Read the safety data sheet before using the product.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This MSDS is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by Kemira.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.