

Sosperse 425

Ref. /US/EN

Revision Date: 05/17/2021

Previous date: 07/10/2020

Print Date:09/19/2023

1. IDENTIFICATION**Product information****Product name**
Sosperse 425**Recommended use of the chemical and restrictions on use****Use of the Substance/Mixture****Recommended restrictions on use**

For industrial use only.

Supplier's detailsKemira Chemicals, Inc.
1000 Parkwood Circle, Suite 500
30339 Atlanta USA
Telephone+17704361542, Telefax. +17704363432
us-customerservice@kemira.com**Emergency telephone number**

CHEMTREC (24 Hours): 1-800-424-9300

2. HAZARDS IDENTIFICATION**GHS Classification**

The product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).,

GHS-Labeling

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.

Hazard(s) not otherwise classified (HNOC) or not covered/classified by GHS**Remarks;** None known.

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3. COMPOSITION/INFORMATION ON INGREDIENTS**Substances /Mixtures**

Mixture
Chemical nature : Aqueous solution of acrylic polymers

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****General advice**

Show this safety data sheet to the doctor in attendance. Get medical attention immediately if symptoms occur.

Inhalation

Remove victim immediately from exposure to fresh air. If breathing is difficult, give oxygen. Obtain medical attention.

Skin contact

Wash off immediately with soap and plenty of water. Remove contaminated clothing 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

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

Most important symptoms and effects, both acute and delayed

Symptoms : May cause mild eye/skin irritation.

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

All extinguishing materials are suitable.

Unsuitable extinguishing media

High volume water jet

Special hazards arising from the substance or mixture

This material will not burn until water has evaporated. Containers can build up pressure if exposed to heat (fire). In case of fire hazardous decomposition products may be produced such as:
Carbon oxides (CO_x), Hydrocarbons, Fumes, Smoke

Special protective actions for fire-fighters

Standard equipment for firefighting.

Wear self-contained breathing apparatus and protective suit.

Use NIOSH/MSHA approved respiratory protection.

Further information

Minimize exposure.

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

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Material can create slippery conditions.

Environmental precautions

Unauthorized persons must be kept away from the damage area.

In case of large spillage, contain by damming up. Avoid runoff into storm sewers and ditches which lead to waterways. Should not be released into the environment.

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). After cleaning, flush away traces with water.

Additional advice

See Sections 7 and 8 for proper handling and protective measures and Section 13 for proper waste disposal measures.

7. HANDLING AND STORAGE

Precautions for safe handling

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Avoid inhalation, ingestion and contact with skin and eyes. Ensure adequate ventilation. Wash contact areas after handling.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Do not freeze. Avoid temperatures below 5°C. Avoid temperatures above +37 °C.

Materials to avoid:

Oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Ensure adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment**Industrial Hygiene**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product.

Respiratory protection

Ensure adequate ventilation. If significant amounts of vapour, mist or aerosol are present use respiratory protection.

Hand protection

Glove material: Chemical resistant gloves.

Glove material: Impervious gloves

Skin and body protection

Wear suitable protective clothing (long sleeves and legs) if there is a possibility of direct contact with or splashes from the product.

Eye protection

Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES
Information on basic physical and chemical properties

Physical state	liquid
Colour	amber
Odour	mild
Odour Threshold	not determined
pH	ca. 6.5
Freezing point/Melting point :	32 °F
Initial boiling point and boiling range	
Flash point	> 201 °F
Evaporation rate	similar to water
Flammability (solid, gas)	Not applicable
Explosive properties:	
Lower explosion limit	No data available
Upper explosion limit	No data available
Oxidizing properties	Not applicable
Vapour pressure	Like water
Relative vapour density	Like water
Density	ca. 10.85 lb/gal (77 °F)
Relative density	ca. 1.30(25 °C,)
Solubility(ies):	
Water solubility	soluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	
Decomposition temperature	Not applicable, (water evaporates)
Viscosity:	
Viscosity, dynamic	< 200 cP (77 °F) (Brookfield)
Viscosity, kinematic	not determined

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Surface tension

not determined

10. STABILITY AND REACTIVITY**Reactivity**

Stable under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactionsReacts with:
Oxidizing agents**Conditions to avoid**

Avoid extreme temperatures.

Incompatible materials

Oxidizing agents

Hazardous decomposition products

Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION**Information on toxicological effects****Acute oral toxicity**

Conclusion: No data is available on the product itself.

Skin corrosion/irritation

Remarks: Not classified as irritating for skin., Prolonged skin contact may cause skin irritation.

Serious eye damage/eye irritation

Remarks: Based on available data, the classification criteria are not met., May cause mild irritation.

Respiratory or skin sensitisation**Skin sensitisation**

Conclusion: This product is not expected to be a sensitizer.

Germ cell mutagenicity

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Genotoxicity in vitro

Remarks: No data available

Conclusion: No known effect.

Carcinogenicity

Carcinogenicity

No evidence of carcinogenic effects by polymer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity

LC50/48 h/Daphnia magna (Water flea)/Fresh water/OECD Test Guideline 202: 1,380 mg/l

EC50/72 h/Pseudokirchneriella subcapitata (algae)/Fresh water/OECD Test Guideline 201: 2,977 mg/l

Toxicity to other organisms

Remarks: No data available

Persistence and degradability

Biological degradability:

Not readily biodegradable.

Bioaccumulative potential

Remarks: No data available

Partition coefficient: n-octanol/water: not determined

Mobility in soil

Water solubility: soluble

Surface tension: not determined

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Product

Must be disposed of in accordance with local and national regulations.

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Packages must be disposed of according to local and national regulations.

14. TRANSPORT INFORMATION**Land transport**

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

Special precautions for user

Keep away from food, drink and animal feedingstuffs.

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture****SARA Title III Section 311 Categories**

No SARA Hazards

SARA 302 Extremely Hazardous Substances

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Chemical name
None Present

CAS-No.

Concentration[%]

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.

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None Present ()

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

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.

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

Acrylamide (79-06-1)

Chemicals on the original list that do not meet toxicity criteria but because of their acute lethality, high production volume and known risk are considered chemicals of concern ("Other chemicals"), November 17, 1986 and February 15, 1990

California Proposition 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Acrylamide (79-06-1) <= 50 PPM

nickel sulfate (7786-81-4) <= 0.014 PPM

Notification status

USA	: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
Australia	: All components of this product are NOT included on the Australian Inventory of Industrial Chemicals (AIIC).
Canada	: 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).
China	: All components of this product are NOT included on the Chinese inventory.
European Union	: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.
Japan	: All components of this product are NOT included on the Japanese (ENCS) inventory.
South Korea	: All components of this product are NOT included on the Korean (ECL) inventory.
New Zealand	: All components of this product are NOT included on the New Zealand Inventory of Chemical Substances.
Philippines	: All components of this product are NOT included on the Philippine (PICCS) inventory.
Taiwan	: All components of this product are NOT included on the Taiwan Chemical Substances Inventory.

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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 Safety Data Sheet is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200), an adoption of the UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Revision 3 by Kemira.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

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