

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78600 Defoamer

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Revised edition: 23.07.2024

Version: 1

Printed: 24.07.2024

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Defoamer

Article No.: 78600

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Defoamer

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

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3.1. Substance

3.2. Mixture

Chemical Characterization:

Mixture of the following substances.
Hydrocarbons, hydrophobic silica, emulsifiers, synthetic copolymers

Information on Components / Hazardous Ingredients:

Distillates (petroleum), hydrotreated light naphthenic (H304); REACH Reg.-Nr. 01-2119480375-34	30 - 50 %	CAS-Nr: 64742-53-6 EINECS-Nr: 265-156-0 EC-Nr:
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Distillates (petroleum), hydrotreated heavy naphthenic (H304); REACH Reg. No. 01-2119467170-45	20 - 40 %	CAS-Nr: 64742-52-5 EINECS-Nr: 265-155-0 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

Consult physician if symptoms persist.
Supply fresh air.

After skin contact:

Wash off with plenty of water and soap.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

Do not induce vomiting. Consult physician immediately.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

CO₂, extinguishing powder, water jet.

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Fight larger fire with water jet or alcohol resistant foam.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of carbon monoxide.

Do not inhale explosion and smoke fumes and gases.

5.3. Advice for Firefighters

Protective equipment:

Further information:

Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

Together with water product causes slippery surfaces.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.

6.4. Reference to other Sections

Hazardous substances are not being released.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid contact with eyes and skin.

Hygienic measures:

No further measures, see Section 8.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Do not store together with: oxidants.

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Keep away from sources of heat and ignition - do not smoke.

Storage class:

10; Combustible liquids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

The product does not contain any relevant amounts of substances with critical values that require monitoring at the workplace.

Parameters to be controlled:

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6): ACGIH-TWA: 5 mg/m³ (Longterm Value), Oil mist

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5): ACGIH-TWA: 5 mg/m³ (Longterm Value), Peak limit category: 10 mg/m³, Oil mist

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

No further measures, see Section 7.

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with eyes and skin.

Respiratory protection:

In case of formation of aerosol or mist.

Hand protection:

Chemical protective gloves (EN 374 (Europe), F739 (US)).

Protective glove material:

Nitrile rubber (480 min, 0.4 mm)

Recommended: Protective index 6, corresponding > 480 min. of permeation time according to EN 374.

Eye protection:

Safety glasses recommended when refilling (EN 166).

Body protection:

Protective clothing.

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Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>yellowish</i>
<i>Odor:</i>	<i>weak, characteristic</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>6.5 (20 g/l; 20°C)</i>
<i>Melting temperature:</i>	<i>not determined</i>
<i>Boiling temperature:</i>	<i>not determined</i>
<i>Flash point:</i>	<i>> 160°C (DIN EN ISO 2719)</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>The mixture may catch fire or be set on fire.</i>
<i>Upper explosion limit:</i>	<i>10 Vol.-% (CAS 64742-53-6)</i>
<i>Lower explosion limit:</i>	<i>1 Vol.-% (CAS 64742-53-6)</i>
<i>Vapor pressure:</i>	<i><0.1 hPa (CAS 64742-53-6)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.93 g/cm³ (DIN EN ISO 2811-1)</i>
<i>Solubility in water:</i>	<i>not very miscible</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)</i>
<i>Decomposition temperature:</i>	<i>not determined</i>
<i>Viscosity, dynamic:</i>	<i>1000 mPas (DIN EN ISO 3219)</i>
<i>Explosive properties:</i>	<i>Product is not explosive; however, an explosive vapor/air mixture can be formed.</i>
<i>Oxidizing properties:</i>	<i>none</i>

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Bulk density:

not determined

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

>20.5 mm²/s (DIN EN ISO 51562)

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

No further information available.

Thermal decomposition:

No further information available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

Carbon monoxide and dioxide.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

LD50, oral:

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6): > 5000 mg/kg (rat)

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5): > 5000 mg/kg (rat)

LD50, dermal:

Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6): > 5000 mg/kg (rabbit)

Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5): > 5000 mg/kg (rabbit)

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LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Non-irritating to eyes

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No risk of aspiration.

11. 2. Information on other Hazards

Not listed.

12. Ecological Information

12. 1. Aquatic Toxicity

Fish toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5): EL50: > 100 mg/l (fish)

Daphnia toxicity:

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6): LL50: > 100 mg/l (Daphnia)

Bacteria toxicity:

No data available.

Algae toxicity:

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6): LL50: > 100 mg/l (algae)

Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-

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5): LL50: > 100 mg/l (algae)

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

Not relevant.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

12.6. Endocrine Disrupting Properties

This product does not contain components considered to have endocrine disrupting properties.

12.7. Other Adverse Effects

Water hazard class:

*1, slightly hazardous (German Regulation; Self-assessment).
Do not allow undiluted product or large quantities of it to reach ground water, waterways or sewage system.*

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

*Must not be disposed together with household garbage.
Do not let product enter water systems.*

European Waste Code (EWC):

160305 - Organic waste containing hazardous substances.

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

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ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

not applicable

14. 7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14. 8. Further Information

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (according to the German Regulation AwSV)

Local regulations on chemical accidents:

Seveso III Directive: not applicable under Directive 2012/18/EC.

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

RoHS Directive 2011/65/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic

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Equipment (RoHs): not listed.

Regulation (EU) No. 2019/1148, Annex I - Restricted Explosives Precursors (upper limit value for the purpose of licensing under Article 5(3)): None of the ingredients is listed.

Regulation (EU) No. 2019/1148, Annex II - Reportable Explosives Precursors: None of the ingredients is listed.

Regulation (EC) 273/2004, On Drug Precursors, Category 3: None of the ingredients is listed.

Regulation (EC) No. 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: not forbidden and/or not restricted

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.