

Safety Data Sheet

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



73680 White Oil

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Revised edition: 28.08.2019

Version: 4

Printed: 02.12.2019

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

1.1. Product Identifier

Product Name: White Oil

Article No.: 73680

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

Identified uses:
Stabilizer

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)

H304

Cat.: 1

Aspiration hazard, hazard category 1
May be fatal if swallowed and enters airways.

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:



GHS08-2

Signal word:

Danger

Hazard designation:

H304

May be fatal if swallowed and enters airways.

Safety designation:

P301+P310

If swallowed: Immediately call a poison center or physician.

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P331	Do not induce vomiting.
P405	Store locked up.
P501	Dispose of contents/ container according to regional, national and international regulations.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Information on Components / Hazardous Ingredients:

White mineral oil (Asp.Tox.1; H304) (product contains less than 3 % DMSO extract, measured accor. to the IP 346 method); REACH Reg. No. 01-2119487078-27-xxxx)

CAS-Nr: 8042-47-5
EINECS-Nr: 232-455-8
EC-Nr:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

Supply fresh air.

If breathing is difficult call a physician.

After skin contact:

Wash off with plenty of water and soap.

If symptoms persist, consult a physician.

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.

Risk of aspiration!

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

Symptoms:

No further information available.

Effects:

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

Treatment:

If vomiting occurs after ingestion, aspiration into the lungs can occur which can cause a chemical pneumonia or suffocation.

5. Fire-Fighting Measures

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5.1. Extinguishing Media

Suitable extinguishing media:

*Foam, extinguishing powder, water spray jet.
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 and dioxide.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

*Cool exposed containers with water spray.
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:

Floor may be slippery; use care to avoid falling.

6.2. Environmental Precautions

Environmental precautions:

*Prevent contamination of soils, drains and surface water.
Contact local authorities if product pollutes soil or vegetation.*

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

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

6.4. Reference to other Sections

*For information for safe handling see Section 7.
Protective clothing, see Section 8.
See Section 13 for information on disposal.*

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

*Provide adequate ventilation.
Avoid the formation of aerosol.
Do not breathe vapors, aerosols.*

Hygienic measures:

Avoid contact with eyes and skin.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

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

Protect against heat and direct sunlight.

Protect from direct exposure to light.

Storage temperature: < 25°C.

Requirements for storage areas and containers:

Water law provisions have to be met.

Avoid pollution of soil.

Information on fire and explosion protection:

Take measures to prevent electrostatic discharge.

Do not store together with ignitable sources, heat and fire.

Storage class:

10; Combustible liquids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

See Section 1.2.; no other uses provided

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

TRGS 900

White mineral oil (CAS 8042-47-5): TLV: Average value: 5 mg/m³;

Short-term value: 20 mg/m³

Parameters to be controlled:

Oil Mist: ACGIH TLV (USA): 5 mg/m³; ACGIH STEL (USA): 10 mg/m³; OSHA (PEL): 5 mg/m³

Derived No-Effect Level (DNEL):

40 mg/m³ bw/d (consumer, swallowing, long-term exposition - systemic effects)

92 mg/m³ bw/d (consumer, skin contact, long-term exposition - systemic effects)

220 mg/m³ bw/d (worker, skin contact, long-term exposition - systemic effects)

35 mg/m³ (consumer, inhalation, long-term exposition - systemic effects)

160 mg/m³ (worker, inhalation, long-term exposition - systemic effects)

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

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General protective measures:

Do not inhale gas/fumes/vapor/aerosol.

Avoid contact with eyes and skin.

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Required in case of insufficient ventilation (EN 143 or 149).

Recommended: Composite filter ABEK (brown/gray/yellow/green), P1 (white)

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Nitrile rubber (NBR)

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

Prevent from getting into the soil, surface water and sewage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: colorless

Odor: odorless

Odor threshold:

No information available.

pH-Value:

not determined

Melting temperature:

-12°C

Boiling temperature:

218 - 800°C (101.3 kPa)

Flash point:

> 112°C (101.3 kPa; ECHA)

Evaporation rate:

No information available.

Flammability (solid, gas):

not applicable

Upper explosion limit:

not determined

Lower explosion limit:

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not determined

Vapor pressure: 0.01 kPa (20°C)

Vapor density: No information available.

Density: 0.810 - 0.894 g/cm³

Solubility in water: insoluble

Coefficient of variation (n-Octanol/Water): no information available

Auto-ignition temperature: not applicable

Decomposition temperature: not determined

Viscosity, dynamic: not determined

Explosive properties: Product does not present an explosion hazard.

Oxidizing properties: not oxidizing

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic: > 3 mm²/s (40°C)
> 1.3 mm²/s (100°C)

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

Temperature class: T2 (maximum temperature: 300°C)

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:

Avoid heat, open fire and other ignition sources. next page: 7

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Avoid humidity.

Thermal decomposition:

10.5. Incompatible Materials

Oxidizing agents.

10.6. Hazardous Decomposition Products

Carbon monoxide and dioxide.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 5000 mg/kg (rat; OECD 401)

LD50, dermal: > 2000 mg/kg (rabbit; OECD 402)

LC50, inhalation: < 5 mg/l (4h, rat; OECD 403)

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

No information available.

Inhalation:

No information available.

Ingestion:

Can be lethal when swallowed.

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No negative effects known.

Carcinogenicity:

No cancerogenic effect known.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

*LL50: > 100 mg/l (96h, *Oncorhynchus mykiss*; OECD 203)*

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Daphnia toxicity:

LL50: > 100 mg/l (48h, Daphnia magna; OECD 202)

EL50 (Chronic): > 1000 mg/l (21d, Daphnia magna; OECD 211)

Bacteria toxicity:

LOEL: < 2000 mg/kg (93d, microorganisms; ECHA)

Algae toxicity:

No information available.

12.2. Persistency and Degradability

Oxygen consumption: 31 % (28d, OECD 301F)

This product is not easily degradable but is potentially biodegradable.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

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:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

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No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

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 classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

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:

Not listed.

Employment restrictions:

Restriction and prohibition of application:

EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: Listed R3

Technical instructions on air quality:

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5.2.5.: Organic substances: $m \geq 0.10$ kg/h: conc. 20 mg/m³

15.2. Chemical Safety Assessment

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

15.3. Further Information

Listed in the following inventories:

REACH (EU), TSCA (US), AICS (AUS), DSL (CA), KECI (KR), PICCS (PH), IECSC (CN), NZIoC (NZ), CICR (TR), TCSI (TW), INSQ (MX)

RoHS Directive 2011/65/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS 2): not listed.

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.