

# Safety data sheet

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

Date of issue: 11.02.2020 Supersedes edition of: 28.02.2017

## SECTION 1: Identification of the substance / mixture and of the company / undertaking

### 1.1 Product identifier

Product name: Möbelpflege

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Furniture care

### 1.3 Details of the supplier of the safety data sheet

Company: Otto Oehme GmbH  
Industriestraße 20  
D-90584 Allersberg Deutschland  
Tel. +49 9176 98050  
info@oehme-lorito.de

### 1.4 Emergency telephone number

GIZ Nord Poisons Centre, Göttingen Tel. +49 (0) 551 19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

*Classification (Regulation (EC) No. 1272/2008)*

Flam. Liq. 2, H225

Eye Irrit. 2, H319

STOT SE 3, H336

Full text of hazard statements: See under section 16.

### 2.2 Label elements

*Labelling (Regulation (EC) No. 1272/2008)*

*Hazard pictograms:*



*Signal word:*

Danger

*Hazard statements:*

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

*Precautionary statements:*

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P233 Keep container tightly closed.  
P261: Avoid breathing vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P337 + P313: If eye irritation persists: Get medical advice/attention.  
P403 + P235 Store in a well-ventilated place. Keep cool.

Contains: 2-Propanol.

### 2.3 Other hazards

Not known.

## SECTION 3: Composition / information on ingredients

*Hazardous components (Regulation (EC) No. 1272/2008)*

Chemical name				Content
CAS-No.	EC-No.	EC-Index-No.	Classification	
2-Propanol				> 50 - 100 %
67-63-0	200-661-7	603-117-00-0	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
REACH Registration Number: 01-2119457558-25				

Distillates (petroleum), hydrotreated light paraffinic				> 10 - 20 %
64742-55-8	265-158-7	649-468-00-3	Asp. Tox. 1, H304	
REACH Registration Number: 01-2119487077-29				

Full text of hazard statements: See under section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

After inhalation: Fresh air. Call in physician if feeling unwell.  
After skin contact: Wash off with plenty of water. Immediately remove contaminated clothing. Consult a physician if skin irritations occur.  
After eye contact: Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist immediately.  
After swallowing: Caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Irritant effects.  
After absorption of large quantities: Respiratory paralysis, drowsiness, dizziness, unconsciousness, narcosis, inebriation, headache, coma.  
Drying-out effect resulting in rough and chapped skin.

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media***Suitable extinguishing media*

Carbon dioxide, foam, dry powder.

*Unsuitable extinguishing media*

For this substance / mixture no limitations of extinguishing agents are given.

**5.2 Special hazards arising from the substance or mixture**

Combustible material. Vapours are heavier than air and may spread along floors. Forms explosive mixtures with air at ambient temperatures. Pay attention to flashback. Development of hazardous combustion gases or vapours possible in the event of fire.

**5.3 Advice for firefighters***Special protective equipment for firefighters*

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

*Further information*

Prevent fire-fighting water from entering surface water or groundwater.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Caution: Risk of slipping.

Do not inhale vapours/aerosols. Avoid substance contact. Use personal protective equipment as required, see section 8.2. Ensure supply of fresh air in enclosed rooms. In case of inadequate ventilation wear respiratory protection. Keep away from sources of ignition, no smoking.

**6.2 Environmental precautions**

Do not get into sewerage system. Risk of explosion.

**6.3 Methods and material for containment and cleaning up**

Take up with incombustible liquid-absorbent material. Forward for disposal. Clean up affected area.

**6.4 Reference to other sections**

Indications about waste treatment see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling***Notes for safe handling*

Ensure adequate ventilation. Avoid contact with skin and eyes. Do not inhale vapours/aerosols. Avoid generation of vapours/aerosols.

*Notes for prevention of fire and explosion*

Keep away from heat and sources of ignition. Take precautionary measures against static

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discharge. Vapours heavier than air. Vapours may form explosive mixtures with air.

### 7.2 Conditions for safe storage, including any incompatibilities

Store cool above 5 °C. Keep away from sun and heat.

Tightly closed in a well-ventilated place.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### *2-Propanol*

EH40 WEL

Name	2-Propanol
Short term exposure limit (STEL)	500 ppm 1250 mg/m <sup>3</sup>

Time weighted average (TWA)	400 ppm 999 mg/m <sup>3</sup>
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### 8.2 Exposure controls

#### *Individual protection measures*

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

#### **Eye / face protection:**

Eye protection (EN 166).

#### **Hand protection:**

Material: Nitrile rubber.

Thickness: 0.1 mm

Breakthrough time: > 480 min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374, e.g. Franz Mensch Nitrile Safe Premium.

This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves.

#### **Respiratory protection:**

Required when vapours/aerosols are generated. Filter A2 P2 (EN 14387).

#### *Hygiene measures*

Change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form:		liquid
Colour:		colourless
Odour:		perfumed
pH value		not applicable
Melting point		not specified
Boiling point		> 35 °C
Ignition temperature		not specified
Flash point		< 21 °C
Explosion limits	lower	2 % (2-Propanol)
	upper	13.4 % (2-Propanol)
Density (23 °C)		0.8 g/cm <sup>3</sup>
Solubility in water		insoluble

### 9.2 Other information

None.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Forms explosive mixtures with air on intense heating.

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

### 10.3 Possibility of hazardous reactions

Risk of explosion with: Chlorates, phosgene, organic nitro compounds, hydrogen peroxide, perchlorates, strong oxidising agents, nitric acid, nitrogen dioxide.

Risk of ignition or formation of inflammable gases or vapours with: Alkali metals, alkaline earth metals, chromium(VI) oxide.

Exothermic reaction with: Aldehydes, amines, fuming sulfuric acid, iron, aluminium, chlorine, phosphorus trichloride, strong acids, halogen compounds, potassium tert-butanolate.

### 10.4 Conditions to avoid

Warming.

### 10.5 Incompatible materials

Rubber, various plastics, oils.

### 10.6 Hazardous decomposition products

See section 5.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects***Acute oral toxicity*

LD<sub>50</sub> rat: 5045 mg/kg (RTECS; 2-Propanol)

Symptoms: Risk of aspiration upon vomiting, aspiration may cause pulmonary oedema and pneumonitis.

LD<sub>50</sub> rat: > 5000 mg/kg (ECHA; Distillates (petroleum))

*Acute dermal toxicity*

LD<sub>50</sub> rabbit: 12800 mg/kg (RTECS; 2-Propanol)

LD<sub>50</sub> rabbit: > 2000 mg/kg (ECHA; Distillates (petroleum))

*Acute inhalation toxicity*

LC<sub>50</sub> rat: 37.5 mg/l /4 h (OECD 403; 2-Propanol)

Symptoms: Possible damages: mucosal irritations.

LC<sub>50</sub> rat: > 5.53 mg/l /4 h (ECHA; Distillates (petroleum))

*Skin irritation*

Rabbit: No irritation (OECD 404; 2-Propanol).

Drying-out effect resulting in rough and chapped skin.

Rabbit: No irritation (OECD 404; Distillates (petroleum)).

*Eye irritation*

Rabbit: Eye irritation (OECD 405, 2-Propanol).

Causes serious eye irritation.

Rabbit: No irritation (OECD 405; Distillates (petroleum)).

*Sensitisation*

Guinea pig (Buehler Test): Negative (OECD 406; 2-Propanol).

Guinea pig: Negative (OECD 406; Distillates (petroleum)).

*Genotoxicity in vivo*

In vivo micronucleus test, Mouse, male and female, Intraperitoneal injection, bone marrow:

Negative (OECD 474; 2-Propanol).

*Genotoxicity in vitro*

Ames Test (Salmonella typhimurium): Negative (OECD 471; 2-Propanol).

In vitro mammalian cell gene mutation test: Negative (OECD 476; 2-Propanol).

Mutagenicity: Ames test: Negative (external MSDS; Distillates (petroleum)).

*Carcinogenicity*

Did not show carcinogenic effects in animal experiments (OECD 451; 2-Propanol).

Did not show carcinogenic effects in animal experiments (external MSDS; Distillates (petroleum)).

*Reproductive toxicity*

No impairment of reproductive performance in animal experiments (IUCLID; 2-Propanol).

No impairment of reproductive performance/ fertility in animal experiments (OECD 421; Distillates (petroleum)).

*Teratogenicity*

Did not show teratogenic effects in animal experiments (IUCLID; 2-Propanol).

*Specific target organ toxicity – single exposure*

Target Organs: Central nervous system. May cause drowsiness or dizziness.

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#### *Specific target organ toxicity – repeated exposure*

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

#### *Aspiration hazard*

May be fatal if swallowed and enters airways.

### **11.2 Further information**

Systemic effects: After absorption: Headache, dizziness, inebriation, unconsciousness, narcosis.  
After absorption of large quantities: Respiratory paralysis, coma.

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### *Toxicity to fish*

Pimephales promelas: LC<sub>50</sub>: 9640 mg/l /96 h (US-EPA; 2-Propanol)

Pimephales promelas LC<sub>50</sub>: > 100 mg/l /96 h (ECHA; Distillates (petroleum))

#### *Toxicity to daphnia and other aquatic invertebrates*

Daphnia magna: EC<sub>50</sub>: 13299 mg/l /48 h (IUCLID; 2-Propanol)

Daphnia magna: EC<sub>50</sub>: > 10000 mg/l /48 h (ECHA; Distillates (petroleum)).

#### *Toxicity to algae*

Desmodesmus subspicatus IC<sub>50</sub>: > 1000 mg/l / 72 h (IUCLID; 2-Propanol)

Pseudokirchneriella subcapitata NOEC: > 100 mg/L / 72 h (OECD 201; Distillates (petroleum))

#### *Toxicity to bacteria*

Pseudomonas putida EC<sub>5</sub>: 1050 mg/l /16 h (external MSDS; 2-Propanol)

Tetrahymena pyriformis NOEL: > 1000 mg/L / 40 h (external MSDS; Distillates (petroleum))

### **12.2 Persistence and degradability**

#### *Biodegradability*

Biodegradation: 95 % / 21 d (OECD 301E; 2-Propanol)

Readily biodegradable (2-Propanol)

#### *Theoretical oxygen demand (ThOD)*

2400 mg/g (external MSDS, 2-Propanol)

#### *Ratio BOD / ThBOD*

BOD<sub>5</sub>: 49 % (IUCLID; 2-Propanol)

#### *Ratio COD / ThBOD*

96 % (external MSDS, 2-Propanol)

### **12.3 Bioaccumulative potential**

Partition coefficient n-octanol / water: log P<sub>ow</sub>: 0,05 (OECD 107; 2-Propanol).

No bioaccumulation is to be expected (2-Propanol).

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#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

#### 12.6 Other adverse effects

*Additional ecological information:*

Do not allow to enter waters, waste water, or soil!

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

*Product:*

Chemicals must be disposed of in compliance with the respective national regulations.

Code of the waste  
200129\*

Name according to directive 2000/532/EC:  
detergents containing dangerous substances.

*Packaging:*

Product packaging must be disposed of in compliance with the country-specific regulations or must be to a packaging return system.

### SECTION 14: Transport information

*Road and rail, ADR/RID*

UN 1219 ISOPROPANOL, SOLUTION, 3, II (D/E)

Environmentally hazardous: No.

*Inland waterway, ADN*

Not tested.

*Sea, IMDG-Code*

UN 1219 ISOPROPANOL, SOLUTION, 3, II

EmS: F-E, S-D

Marine pollutant: No.

*Air, IATA-DGR*

UN 1219 ISOPROPANOL, SOLUTION, 3, II

Environmentally hazardous: No.

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.



## **SECTION 15: Regulatory information**

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

#### *EU regulations*

Ingredients according to Regulation (EC) on detergents No. 648/2004:

Aliphatic hydrocarbons: 30 % and more.

Perfumes.

### **15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

## **SECTION 16: Other information**

#### *Reason for alteration:*

SECTION 6: Accidental release measures

SECTION 8: Exposure controls/personal protection

Exposure controls

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

SECTION 12: Ecological information

SECTION 13: Disposal considerations

SECTION 15: Regulatory information

#### *Full text of hazard statements referred to under sections 2 and 3:*

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

*The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.*