

Safety Data Sheet

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



62108 Tolubalsam

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Revised edition: 05.02.2018

Version: 2

Printed: 03.12.2021

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

1.1. Product Identifier

Product Name: Tolubalsam

Article No.: 62108

UFI: --

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

Identified uses:
No information available.

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)

Skin irritation, hazard category 2
Skin sensitization, hazard category 1
Serious eye damage, hazard category 1
-

H315 Causes skin irritation.

Cat.: 2

H317 May cause an allergic skin reaction.

Cat.: 1

H318 Causes serious eye damage.

Cat.: 1

H412 Harmful to aquatic life with long lasting effects.

Cat.: 3

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:

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GHS05-2



GHS07

Signal word:

Danger

Hazard designation:

| | |
|------|--|
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H412 | Harmful to aquatic life with long lasting effects. |

Safety designation:

| | |
|----------------|--|
| P261 | Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P302+P352 | If on skin: Wash with soap and water. |
| P305+P351+P338 | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. |
| P310 | Immediately call a poison center or physician. |
| P332+P313 | If skin irritation occurs: Get medical attention. |
| P337+P313 | If eye irritation persists: Get medical advice/ attention. |
| P362 | Take off contaminated clothing and wash before reuse. |

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Balsam. CAS No. 9000-64-0, EINECS 232-550-4

Information on Components / Hazardous Ingredients:

| | | |
|----------------------------------|------------|---|
| Benzoin (H318-412) | 60 - 100 % | CAS-Nr: 9000-05-9 EINECS-Nr: 232-523-7 EC-Nr: |
| Benzoic acid (H302-315-319) | 10 - 30 % | CAS-Nr: 65-85-0 EINECS-Nr: 200-618-2 EC-Nr: |
| Cinnamon aldehyde (H312-315-317) | 1 - 5 % | CAS-Nr: 104-55-2 EINECS-Nr: 203-213-9 EC-Nr: |

Additional information:

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4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes immediately.

After inhalation:

Take affected person to fresh air.

Consult physician if symptoms persist.

After skin contact:

Change soiled clothing.

Wash with soap and rinse with plenty of water.

If symptoms persist, consult a physician.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

Consult physician.

After ingestion:

Rinse mouth with plenty of water.

Do not induce vomiting.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

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:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, CO2, dry extinguishing powder.

Unsuitable extinguishing media:

Never apply a strong water jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Collect contaminated extinguishing water and debris separately; avoid contamination of sewage system.

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6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

Do not inhale aerosol/fumes/vapors.

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

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

No special measures necessary if properly handled.

Hygienic measures:

Avoid contact with skin, eyes and clothing.

Keep away from foodstuffs and drinks.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a cool and well ventilated location.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Do not store together with flammable products.

Precautionary measures in reference to the general rules concerning fire prevention.

Storage class:

Further Information:

Shelf-life: > 24 months

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

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Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

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

Avoid contact with eyes and skin.

Remove contaminated clothing immediately.

Respiratory protection:

In case of formation of dust/vapor.

Hand protection:

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

Protective glove material:

Natural latex.

Polyvinyl chloride (PVC)

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing, chemical resistant.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: *solid*

Color: *yellow-brownish to brown*

Odor: *aromatic*

Odor threshold:
no information available

pH-Value:
not determined

Melting temperature:
not available

Boiling temperature:
not available

Flash point: *> 100°C (Closed cup)*

Evaporation rate:

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not applicable

Flammability (solid, gas):

not available

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density:

Solubility in water:

not miscible

Coefficient of variation (n-Octanol/Water):

no information available

Auto-ignition temperature:

No information available.

Decomposition temperature:

not determined

Viscosity, dynamic:

not available

Explosive properties:

not available

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

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.

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10.2. Chemical Stability

Stable at room temperature.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from heat.

Thermal decomposition:

10.5. Incompatible Materials

10.6. Hazardous Decomposition Products

In case of fire: formation of carbon oxides.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: 3030,3 mg/kg

LD50, dermal: 52380,95 mg/kg

*LC50, inhalation:
No information available.*

Primary effects

*Irritant effect on skin:
Slight irritant effect.*

*Irritant effect on eyes:
Slight irritant effect*

*Inhalation:
No information available.*

*Ingestion:
No information available*

*Sensitization:
Sensitizing*

*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.*

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Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

Do not let product enter waterways or sewage system.

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:

Non-contaminated packaging may be recycled.

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

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14.3. Transport Hazard Classes

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 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 (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

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

15.3. Further Information

16. Other Information

This product should be stored, handled and used in accordance

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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.