

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/24/2018

Reviewed on 12/13/2017

1 Identification

Product identifier
Trade name: **8025 Osmo Wood Decking Cleaner**
Application of the substance / the mixture Cleaning material/ Detergent

Details of the supplier of the safety data sheet
Manufacturer/Supplier: Osmo Holz und Color GmbH & Co. KG
 Affhüppen Esch 12
 D-48231 Warendorf
 Germany

Information department: Product safety department
 Phone: +49 (0) 251 / 692 - 188
 Fax: +49 (0) 251 / 692 - 462
 e-mail: helmut.starp@osmo.de

Emergency telephone number: 24h-Emergency Phone Number:
 For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or Night within USA and Canada 1-800-424-9300
 Outside USA and Canada 001-703-527-3887 (WISAG FMO cargo Services GmbH & Co.KG)

2 Hazard(s) identification

Classification of the substance or mixture The product is not classified, according to the Globally Harmonized System (GHS).

Label elements
GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Precautionary statements Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed.
 P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.

Additional information: Observe the general safety regulations when handling chemicals.

Classification system:
NFPA ratings (scale 0 - 4) Health = 0
 Fire = 0
 Reactivity = 0

HMIS-ratings (scale 0 - 4) Health = 0
 Fire = 0
 Reactivity = 0

Other hazards Not applicable.

Results of PBT and vPvB assessment
PBT: Not applicable.

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vPvB: Not applicable.

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3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

| | | | |
|------------|----------------------------|--|---------|
| 112-80-1 | oleic acid, pure | ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 2.5-10% |
| 69011-36-5 | Isotridecanol, ethoxylated | ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319 | ≤ 2.5% |

4 First-aid measures

Description of first aid measures

| | |
|---|--|
| General information: | No special measures required. |
| After inhalation: | Supply fresh air; consult doctor in case of complaints. |
| After skin contact: | Generally the product does not irritate the skin. |
| After eye contact: | Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. |
| After swallowing: | Rinse out mouth and then drink plenty of water. If swallowed, seek medical advice immediately and show this container or label. |
| Information for doctor: | |
| Most important symptoms and effects, both acute and delayed | No further relevant information available. |
| Indication of any immediate medical attention and special treatment needed | No further relevant information available. |

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Water with full jet

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

Protective equipment:

No special measures required.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Warm water

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Reference to other sections

See Section 13 for disposal information.

No dangerous substances are released.

Protective Action Criteria for Chemicals

| | | |
|---------------|------------------|--------------|
| PAC-1: | | |
| 112-80-1 | oleic acid, pure | 220 mg/m3 |
| PAC-2: | | |
| 112-80-1 | oleic acid, pure | 2,400 mg/m3 |
| PAC-3: | | |
| 112-80-1 | oleic acid, pure | 15,000 mg/m3 |

7 Handling and storage

Handling:

Precautions for safe handling No special measures required.

Information about protection against explosions and fires:

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Protect from frost.

Storage class:

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Specific end use(s)

No further relevant information available.

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8 Exposure controls/personal protection

Additional information about design of technical systems:

No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Breathing equipment:

Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Natural rubber, NR

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Rubber gloves
Natural rubber, NR

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Natural rubber, NR

As protection from splashes gloves made of the following materials are suitable:

Natural rubber, NR

Eye protection:

Goggles recommended during refilling.

Body protection:

Protective work clothing

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9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

| | |
|---------------|-------|
| Form: | Fluid |
| Color: | Green |
| Odor: | Mild |

pH-value at 20 °C (68 °F): 10.9

Change in condition

| | |
|-------------------------------------|-----------------|
| Melting point/Melting range: | 0 °C (32 °F) |
| Boiling point/Boiling range: | 100 °C (212 °F) |

Flash point: Not applicable.

Ignition temperature: 360 °C (680 °F)

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Vapor pressure at 20 °C (68 °F): 23 hPa (17.3 mm Hg)

Density at 20 °C (68 °F): 1.02 g/cm³ (8.512 lbs/gal)

Solubility in / Miscibility with

Water: Fully miscible.

Viscosity:

| | |
|------------------------------------|-----------------|
| Dynamic: | Not determined. |
| Kinematic at 20 °C (68 °F): | 30 s (ISO 4 mm) |

Other information No further relevant information available.

10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions Reacts with strong oxidizing agents.

Conditions to avoid

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition

products: No dangerous decomposition products known.

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11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin:

No irritant effect.

on the eye:

Irritating effect.

Sensitization:

No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability

biodegradable

Behavior in environmental systems:

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Other adverse effects

No further relevant information available.

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13 Disposal considerations

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

| | |
|--|-----------------|
| UN-Number DOT, ADR, ADN, IMDG, IATA | Void |
| UN proper shipping name DOT, ADN, IMDG, IATA ADR | Void Void |
| Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class | Void |
| Packing group DOT, ADR, IMDG, IATA | Void |
| Environmental hazards: Marine pollutant: | No |
| Special precautions for user | Not applicable. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| UN "Model Regulation": | Void |

15 Regulatory information

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

Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

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Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

GHS label elements Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: product safety department**Contact:** Hr. Dr. Starp**Date of preparation / last revision** 05/24/2018 / 1

Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

** Data compared to the previous
version altered.*