

Safety data sheet

according to UK REACH

Printing date 13.03.2026

Version number 17.1

Revision: 13.03.2026

1 Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name: Brush Cleaner and Thinner

Article number: 8000

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

No further relevant information available.

Application of the substance / the mixture

Thinner, Diluent

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

Further information obtainable from:

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

Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English
IE: National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

Importer

Importer for UK:
OSMO UK,
Smeaton Close
Unit 24 Anglo Business Park
Aylesbury, Bucks HP19 8UP
Phone: 01296 481 220, www.osmouk.com
United Kingdom

2 Hazards identification

Classification of the substance or mixture

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Label elements

Hazard pictograms



GHS08

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Signal word	Danger
Hazard-determining components of labelling:	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %
Hazard statements	H304 May be fatal if swallowed and enters airways.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P260 Do not breathe vapours. P262 Do not get in eyes, on skin, or on clothing. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P331 Do NOT induce vomiting. P501 Dispose of contents/container in accordance with national regulations.
Additional information:	EUH066 Repeated exposure may cause skin dryness or cracking.
Other hazards	Not applicable.
Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable

3 Composition/information on ingredients

Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64742-48-9	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %	75-100%
EC number: 918-481-9		
Reg.nr.: 01-2119457273-39	Asp. Tox. 1, H304	

Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons	≥30%
------------------------	------

Additional information: For the wording of the listed hazard phrases refer to section 16.
 The product does not contain any bituminous components.

4 First aid measures

Description of first aid measures

General information: Take affected persons out into the fresh air.

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. Then consult a doctor.

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After swallowing:

If swallowed, seek medical advice immediately and show this container or label.

Do NOT induce vomiting.

Information for doctor:
Most important symptoms and effects, both acute and delayed

Unconsciousness

Nausea

Dizziness

Headache

Hazards

Danger of pneumonia.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

Extinguishing media
Suitable extinguishing agents:

Sand

Fire-extinguishing powder

Water haze

Carbon dioxide

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:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources.

Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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Methods and material for
containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Warm water and cleansing agent

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.

Precautions for safe handling

Use only in well ventilated areas.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Highly volatile, flammable constituents are released during processing.

Keep ignition sources away - Do not smoke.

Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by****storerooms and receptacles:**

Store only in the original receptacle.

Store in a cool location.

Information about storage in**one common storage facility:**

Store away from foodstuffs.

Do not store together with alkalis (caustic solutions).

Do not store together with oxidising and acidic materials.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s)

No further relevant information available.

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8 Exposure controls/personal protection

Control parameters
**Ingredients 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.

PNECs

The substance is a hydrocarbon of complex, unknown or variable composition. Conventional methods for determining the PNECs are not suitable and it is not possible to determine a single representative PNEC for such substances.

Additional information:

The lists valid during the making were used as basis.

Exposure controls
Personal protective equipment:
**General protective and
hygienic measures:**

Do not eat, drink, smoke or sniff while working.
Avoid close or long term contact with the skin.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Immediately remove all soiled and contaminated clothing
Avoid contact with the eyes and skin.
Do not carry product impregnated cleaning cloths in trouser pockets.

Respiratory protection:

Not necessary if room is well-ventilated.
Use suitable respiratory protective device only when aerosol or mist is formed.
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
Short term filter device:

Protection of hands:

Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 ° C)).
Solvent resistant gloves
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
Preventive skin protection by use of skin-protecting agents is recommended.
Nitrile rubber, NBR

Material of gloves
**Penetration time of glove
material**

The exact break through 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:**

Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.4 mm

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For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

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

Nitrile rubber, NBR

**Not suitable are gloves made
of the following materials:**

Strong material gloves

Eye protection:

Goggles recommended during refilling

Body protection:

Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Colour:

Clear

Odour:

Mild

Odour threshold:

Not determined

pH-value:

Not applicable

Change in condition

Melting point/freezing point:

-25 °C

Initial boiling point and boiling range:

> 180 °C

Flash point:

61-66 °C (DIN EN ISO 2719)

Auto-ignition temperature:

240 °C

Explosive properties:

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower:

0.6 Vol %

Upper:

7.0 Vol %

Vapour pressure at 0 °C:

1 hPa

Density at 20 °C:

0.787 g/cm³ (DIN 51757)

**Solubility in / Miscibility with
water:**

Not miscible or difficult to mix.

Viscosity:

Dynamic:

Not determined

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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 and stored according to specifications.
Possibility of hazardous reactions	Reacts with strong oxidising agents.
Conditions to avoid	No further relevant information available.
Incompatible materials:	Strong oxidising agents.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)

11 Toxicological information

Information on toxicological effects**Acute toxicity****LD/LC50 values relevant for classification:****CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

Primary irritant effect:

Skin corrosion/irritation At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Serious eye damage/irritation No irritating effect.
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation No sensitising effects known.

Subacute to chronic toxicity: Based on available data, the classification criteria are not met.

Additional toxicological information: Vapours have narcotic effect.
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
Harmful

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**Acute effects (acute toxicity,
irritation and corrosivity)**

May be fatal if swallowed and enters airways.

12 Ecological information

Toxicity

Aquatic toxicity:

CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

EC50 / 48h >1,000 mg/l (Daphnia magna)

IC50 / 72h >1,000 mg/l (algae)

LC50 / 96h >1,000 mg/l (fish)

Persistence and degradability The product is not easily, but potentially biodegradable.

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: The product is highly volatile.

Additional ecological information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation

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

Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

14 Transport information

UN-Number

ADR, ADN, IMDG, IATA

Not applicable

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UN proper shipping name ADR, ADN, IMDG, IATA	Not applicable
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Not applicable
Packing group ADR, IMDG, IATA	Not applicable
Environmental hazards: Marine pollutant:	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
Transport/Additional information:	Not dangerous according to the above specifications. UN No: 9003 Description of goods (nat): Substances having flashpoints above 61 °C and above 100 °C (Naphtha (petroleum), heavy, hydrothermally treated) Description (int): Substances having a flash point above 60 °C and less than or equal to 100 °C (Petroleum, heavy, hydrotreated) Class: 9 Number/Label/PG: 80 Container category: N Note: Dangerous goods for carriage by inland waterways only
UN "Model Regulation":	Not applicable

15 Regulatory information

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

No further relevant information available.

Regulated explosives precursors

None of the ingredients is listed.

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Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms

GHS08

Signal word

Danger

Hazard-determining**components of labelling:**

aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P260 Do not breathe vapours.
- P262 Do not get in eyes, on skin, or on clothing.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P331 Do NOT induce vomiting.
- P501 Dispose of contents/container in accordance with national regulations.

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.

Relevant phrases

H304 May be fatal if swallowed and enters airways.

Recommended restriction of use

Read carefully and follow all instructions.

Keep out of the reach of children

Classification according to**Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS:

product safety department

Contact:

Hr. Dr. Starp

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Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
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)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Asp. Tox. 1: Aspiration hazard – Category 1

Sources Safety data sheets from raw material suppliers
ESIS : European chemical Substances Information System
ECHA Portal

*** Data compared to the previous version altered.**

Additions, Deletions, Revisions
Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (UK REACH)