

Safety Data Sheet

in accordance with HSNO

Date of issue: 08.04.2026

Version number 17.2 (replaces version 17.1)

Revision: 08.04.2026

SECTION 1: Identification of the substance or mixture and of the supplier

Other means of identification

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:

National Poison Centre: 0800 764 766 (0800 POISON)
Chemcall 24/7 Emergency Response Service: 0800 243 622 (0800 CHEMCALL)
Emergency Services (Fire, Ambulance, Police): Dial 111

Importer

Bailey Wood
Osmo New Zealand 2025 Limited
8011 Christchurch
362 Cashel Street
Neuseeland
E-Mail: info@osmo.co.nz
Telefon: 00649575/9849
Mobil: 00642192/9555

SECTION 2: Hazards identification

Classification of the substance or mixture

Flammable liquids Category 4 H227 Combustible liquid.

Aspiration hazard Category 1 H304 May be fatal if swallowed and enters airways.

Additional information: HSNO Classes: 3.1D, 6.1E (aspiration)

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

H227 Combustible liquid.

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.

P210 Keep away from flames and hot surfaces. No smoking.

P280 Wear protective gloves.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.

P403 Store in a well-ventilated place.

P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

Other hazards

Not applicable.

Results of PBT and vPvB assessment**PBT:**

Not applicable

vPvB:

Not applicable

SECTION 3: Composition/Information on ingredients

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	Aspiration hazard Category 1, H304; Flammable liquids Category 4, H227	

SVHC

Not applicable

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

aliphatic hydrocarbons	≥30%
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Additional information:

For the wording of the listed hazard phrases refer to section 16.

The product does not contain any bituminous components.

SECTION 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.

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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.
After swallowing:	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
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.

SECTION 5: Fire fighting 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.

SECTION 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.

SECTION 7: Handling and storage

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.

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.

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.

Storage class:

10

Specific end use(s)

No further relevant information available.

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SECTION 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
**Appropriate engineering
controls**

No further data; see section 7.

Individual protection measures, such as 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:

Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 ° C)).

Hand protection

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.

Material of gloves

Nitrile rubber, NBR

**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

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Recommended thickness of the material: ≥ 0.4 mm

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/face protection

Goggles recommended during refilling

Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Clear

Odour:

Mild

Odour threshold:

Not determined

Melting point/freezing point:

-25 °C (-13 °F)

**Boiling point or initial boiling point and boiling
range**

> 180 °C (> 356 °F)

Flammability

The mixture is capable of catching fire or being set on fire.

Lower and upper explosion limit

Lower:

0.6 Vol %

Upper:

7.0 Vol %

Flash point:

61-66 °C (141.8-150.8 °F) (DIN EN ISO 2719)

Auto-ignition temperature:

240 °C (464 °F)

pH

Not applicable

Viscosity:**Kinematic viscosity at 20 °C (68 °F)**1-2.5 mm/s²**Dynamic:**

Not determined

Solubility**water:**

Not miscible or difficult to mix.

Vapour pressure at 0 °C (32 °F):

1 hPa (0.8 mm Hg)

Density and/or relative density**Density at 20 °C (68 °F):**0.787 g/cm³ (6.568 lbs/gal) (DIN 51757)**Particle characteristics**

Not applicable

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Other information**Appearance:**
Form: Liquid

Important information on protection of health and environment, and on safety.
Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent content:
VOC (EC) 785.0 g/l

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Combustible liquid.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 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

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Nitrogen oxides (NOx)

SECTION 11: Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

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 Based on available data, the classification criteria are not met.

Respiratory or skin
sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard May be fatal if swallowed and enters airways.

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

Interactive effects
Acute effects (acute toxicity, irritation and corrosivity) May be fatal if swallowed and enters airways.

Information on other hazards
Endocrine disrupting properties

None of the ingredients is listed.

SECTION 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.

Bioaccumulative potential No further relevant information available.

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Mobility in soil No further relevant information available.

Results of PBT and vPvB assessment
PBT: Not applicable

vPvB: Not applicable

Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

Other adverse effects
Remark: The product is highly volatile.

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

SECTION 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.

SECTION 14: Transport information

UN number or ID number
NZS, ADN, IMDG, IATA Not applicable

UN proper shipping name
NZS, ADN, IMDG, IATA Not applicable

Transport hazard class(es)
NZS, ADN, IMDG, IATA
Class Not applicable

Packing group
NZS, IMDG, IATA Not applicable

Environmental hazards:
Marine pollutant: No

Special precautions for user Not applicable

Maritime transport in bulk according to IMO instruments

Not applicable

Transport/Additional information: Not dangerous according to the above specifications.
UN No: 9003

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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

SECTION 15: Regulatory information

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

New Zealand Inventory of Chemicals

All ingredients are listed.

HSNO Approval numbers

This product is approved under the Surface Coatings and Colourants (Combustible) Group Standard 2020 (HSR002657) and complies with the requirements of the Hazardous Substances (Safety Data Sheets) Notice 2017.

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

H227 Combustible liquid.

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.

P210 Keep away from flames and hot surfaces. No smoking.

P280 Wear protective gloves.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.

P403 Store in a well-ventilated place.

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P405 Store locked up.
 P501 Dispose of contents/container in accordance with national regulations.

Chemical safety assessment**Named dangerous****substances - ANNEX I** None of the ingredients is listed.**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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 H227 Combustible liquid.
 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

Department issuing SDS: product safety department**Contact:** Hr. Dr. Starp

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)
 VOC: Volatile Organic Compounds (USA, EU)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flammable liquids Category 4: Flammable liquids – Category 4
 Aspiration hazard Category 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 (REACH)