

## Safety Data Sheet

### according to WHS Regulations

Printing date 31.10.2023

Version number 15.1

Revision: 27.10.2021

Hazardous according to criteria of Australian Safety and Compensation Council.

### 1 Identification

#### 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:**

**Distributor**

Osmo Australia  
 39 Longford Road  
 3076 EPPING, Melbourne  
 Australia  
 Telephone: 03 9464 4252  
 Email: info@osmoaustralia.com.au

**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

### 2 Hazard(s) Identification

#### Classification of the substance or mixture

Flam. Liq. 4 H227 Combustible liquid.

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

#### Label elements

**GHS label elements**

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

**Hazard pictograms**



GHS08

**Signal word**

Danger

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**Hazard-determining****components of labelling:**

aliphatic hydrocarbons, C10-C13 (75–100 %)

**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 label before use.

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

P280 Wear protective gloves / eye protection / face protection.

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

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

P403 Store in well-ventilated place.

P405 Store locked up.

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

**Other hazards**

Not applicable.

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

Not applicable.

**vPvB:**



Not applicable.

### 3 Composition and 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	75–100%
EC number: 918-481-9	 Asp. Tox. 1, H304; Flam. Liq. 4, H227	
CAS: 1174522-09-8	aliphatic hydrocarbons, C10-C13	25–50%
EC number: 918-481-9	 Asp. Tox. 1, H304; Flam. Liq. 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.

### 4 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.

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**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.

**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 Fire Fighting Measures

**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.

**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.

**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:**

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**Specific end use(s)**

No further relevant information available.

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### 8 Exposure controls and personal protection

**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.

**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.

**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

Recommended thickness of the material:  $\geq 0.4$  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).

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**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

#### General Information

##### Appearance:

<b>Form:</b>	Liquid
<b>Colour:</b>	Clear
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.

##### Change in condition

<b>Melting point/freezing point:</b>	-25 °C
<b>Initial boiling point and boiling range:</b>	> 180 °C
<b>Flash point:</b>	61-66 °C (DIN EN ISO 2719)
<b>Auto-ignition temperature:</b>	240 °C
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

##### Explosion limits:

<b>Lower:</b>	0.6 Vol %
<b>Upper:</b>	7.0 Vol %
<b>Vapour pressure at 0 °C:</b>	1 hPa
<b>Density at 20 °C:</b>	0.787 g/cm <sup>3</sup> (DIN 51757)
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Solvent content:</b>	
<b>VOC (EC)</b>	785.0 g/l

#### Other information

No further relevant information available.

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### 10 Stability and Reactivity

<b>Reactivity</b>	No further relevant information available.
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used and stored according to specifications.
<b>Possibility of hazardous reactions</b>	Reacts with strong oxidising agents.
<b>Conditions to avoid</b>	No further relevant information available.
<b>Incompatible materials:</b>	Strong oxidising agents.
<b>Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

### 11 Toxicological Information

#### Information on toxicological effects

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

#### LD/LC50 values relevant for classification:

##### 64742-48-9 aliphatic hydrocarbons, C10-C13

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

**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.

#### Additional toxicological information:

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

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### 12 Ecological Information

#### Toxicity

##### Aquatic toxicity:

##### 64742-48-9 aliphatic hydrocarbons, C10-C13

EC50 / 48h &gt;1,000 mg/l (Daphnia magna)

IC50 / 72h &gt;1,000 mg/l (algae)

LC50 / 96h &gt;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.

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

#### UN-Number

**ADG, ADN, IMDG, IATA** Not applicable

#### UN proper shipping name

**ADG, ADN, IMDG, IATA** Not applicable

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<b>Transport hazard class(es)</b> <b>ADG, ADN, IMDG, IATA</b> <b>Class</b>	Not applicable
<b>Packing group</b> <b>ADG, IMDG, IATA</b>	Not applicable
<b>Environmental hazards:</b> <b>Marine pollutant:</b>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	<p>Not dangerous according to the above specifications.          UN-Nummer: 9003          Bezeichnung des Gutes (nat): STOFFE MIT EINEM FLAMMPUNKT ÜBER 61°C UND HÖCHSTENS 100°C (Naphtha (Erdöl), mit Wasserstoff behandelte schwere)          Bezeichnung des Gutes (int): SUBSTANCE WITH A FLASH POIN ABOVE 60°C AND LESS THAN OR EQUAL 100°C (Naphtha (petroleum), hydrotreated heavy)          Klasse: 9          Ziffer/Buschstabe/PG: 80          Schiffskategorie: N          Anmerkungen: Gefahrgut nur beim Binnenschifftransport</p>
<b>UN "Model Regulation":</b>	Not applicable

### 15 Regulatory information

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

##### Australian Inventory of Industrial Chemicals

All ingredients are listed.

##### Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

##### Australia: Priority Existing Chemicals

None of the ingredients is listed.

##### GHS label elements

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

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**Hazard pictograms**

GHS08

**Signal word**

Danger

**Hazard-determining****components of labelling:**

aliphatic hydrocarbons, C10-C13 (75–100 %)

**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 label before use.

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

P280 Wear protective gloves / eye protection / face protection.

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

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

P403 Store in well-ventilated place.

P405 Store locked up.

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

**Directive 2012/18/EU****Named dangerous****substances - ANNEX I**

None of the ingredients is listed.

**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**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

**Recommended restriction of use**

Read label before use.

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

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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)  
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  
Flam. Liq. 4: Flammable liquids – Category 4  
Asp. Tox. 1: Aspiration hazard – Category 1  
Safety data sheets from raw material suppliers  
ESIS : European chemical Substances Information System  
ECHA Portal

**Sources**

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

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