

## Safety Data Sheet

### according to HPR, Schedule 1

Printing date 02/08/2022

Version 15.1

Reviewed on 10/27/2021

### 1 Identification

**Product identifier**
**Trade name:** **Brush Cleaner and Thinner**
**Article number:** 8000

**Application of the substance  
/ the mixture** Thinner, Diluent

**Details of the supplier of the safety data sheet**
**Manufacturer/Supplier:**
**Supplier** Osmo Wood and Colour Canada Ltd.  
 8812 51 Ave NW  
 Edmonton AB T6E 5E8  
 Canada  
 Tel: +1-844-OSMOCAN  
 E-mail: info@osmo.ca

**Manufacturer** Osmo Holz und Color GmbH & Co. KG  
 Affhüppen Esch 12  
 D-48231 Warendorf

**Information department:** Product safety department  
 Tel.: +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 (CCN 16475)

### 2 Hazard 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.

**Label elements**
**Hazard pictograms**


GHS08

**Signal word** Danger

**Hazard-determining**
**components of labeling:** aliphatic hydrocarbons, C10-C13

**Hazard statements** H227 Combustible liquid.  
 H304 May be fatal if swallowed and enters airways.

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<b>Precautionary statements</b>	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 heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P280	Wear protective gloves/protective clothing/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 a well-ventilated place.
	P405	Store locked up.
	P501	Dispose of contents/container in accordance with national regulations.

**Classification system:**

<b>NFPA ratings (scale 0 - 4)</b>	Health = 0
	Fire = 2
	Reactivity = 0
<b>HMIS-ratings (scale 0 - 4)</b>	Health = 0
	Fire = 2
	Reactivity = 0
<b>Other hazards</b>	Not applicable.


### 3 Composition/Information on ingredients

**EC number:** 265-150-3  
**Index number:** 649-327-00-6

**Chemical characterization: Mixtures**

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

**Dangerous components:**

64742-48-9	aliphatic hydrocarbons, C10-C13	75-100% w/w *
 Aspiration Hazard - Category 1, H304; Flammable Liquids - Category 4, H227		

\* Actual concentration ranges are withheld as a trade secret.

### 4 First-aid measures

**Description of first aid measures**

<b>General information:</b>	Take affected persons out into the fresh air.
<b>After inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact:</b>	Generally the product does not irritate the skin.
<b>After eye contact:</b>	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

**Danger**

Danger of pneumonia.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 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.

### 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 item 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 protection****against explosions and fires:**

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 oxidizing 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 receptacle tightly sealed.

**Specific end use(s)**

No further relevant information available.

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### 8 Exposure controls/ Personal protection

**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:**

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.

**Breathing equipment:**

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)).

**Protection of hands:**

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**
**Penetration time of glove material**

Nitrile rubber, NBR

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 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

**Color:** Clear

**Odor:** Mild

**Odor threshold:** Not determined.

**pH-value:** Not applicable.

##### Change in condition

**Melting point/Melting range:** -25 °C

**Boiling point/Boiling range:** > 180 °C

**Flash point:** 61-66 °C (DIN EN ISO 2719)

**Ignition temperature:** 240 °C

**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

##### Explosion limits:

**Lower:** 0.6 Vol %

**Upper:** 7.0 Vol %

**Vapor pressure at 0 °C:** 1 hPa

**Density at 20 °C:** 0.787 g/cm<sup>3</sup> (DIN 51757)

##### Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix.

##### Viscosity:

**Dynamic:** Not determined.

**Kinematic at 20 °C:** 1-2.5 mm<sup>2</sup>/s

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**Other information**

No further relevant information available.

### 10 Stability and reactivity

<b>Reactivity</b>	No further relevant information available.
<b>Chemical stability</b>	
<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 oxidizing 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 (NO <sub>x</sub> )

### 11 Toxicological information

**Information on toxicological effects****Acute toxicity:****LD/LC50 values that are 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)

**Primary irritant effect:**

**on the skin:** At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

**on the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

Vapors have narcotic effect.  
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful

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**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.

### 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.

**Behavior 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 (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 of together with household garbage. Do not allow product to reach sewage system.

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

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### 14 Transport information

<b>UN-Number</b> <i>DOT/TDG, ADR, ADN, IMDG, IATA</i>	Not applicable
<b>UN proper shipping name</b> <i>DOT/TDG, ADR, ADN, IMDG, IATA</i>	Not applicable
<b>Transport hazard class(es)</b> <i>DOT, ADR, ADN, IMDG, IATA</i> Class	Not applicable
<b>Packing group</b> <i>DOT/TDG, ADR, IMDG, IATA</i>	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 MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>UN "Model Regulation":</b>	Not applicable

### 15 Regulatory information

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

Sara No further relevant information available.

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

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

**Canadian substance listings:**
**Canadian Domestic Substances List (DSL)**

All ingredients are listed.

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**Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

**Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms**


GHS08

**Signal word**

Danger

**Hazard-determining components of labeling:  
Hazard statements**

aliphatic hydrocarbons, C10-C13

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 heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/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 a well-ventilated place.

P405 Store locked up.

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**

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

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**Contact:** Hr. Dr. Starp

**Date of the latest revision of the safety data sheet** 02/08/2022 / 12.1

**Abbreviations and acronyms:** ICAO: International Civil Aviation Organisation  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 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)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

**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