

## Safety Data Sheet

### according to HPR, Schedule 1

Printing date 08/30/2022

Version 1.0

Reviewed on 12/16/2020

### 1 Identification

**Product identifier**
**Trade name:** Tannin Spot Neutralizer

**Article number:** 6602

**Application of the substance  
/ the mixture** Surface cleanser

**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  
Germany

**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** The product is not classified, according to the Globally Harmonized System (GHS).

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

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

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P262 Do not get in eyes, on skin, or on clothing.

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**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**

Protect metals (e.g. fittings) and plants from direct contact (e.g. cover useful and ornamental plants with painters' foil).  
Observe the general safety regulations when handling chemicals.

### 3 Composition/Information on ingredients

**Chemical characterization: Mixtures**

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

**Dangerous components:**

6153-56-6	oxalic acid	1-5% w/w
	Serious Eye Damage - Category 1, H318;  Acute Toxicity (Oral) - Category 4, H302; Acute Toxicity (Dermal) - Category 4, H312	

### 4 First-aid measures

**Description of first aid measures**

**General information:** Immediately remove any clothing soiled by the product.

**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Drink copious amounts of water and provide fresh air. Immediately call a doctor.

**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.

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#### 5 Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing**

**agents:** Use fire fighting measures that suit the environment.

**For safety reasons unsuitable**

**extinguishing agents:** Water with full jet

**Special hazards arising from**

**the substance or mixture** No further relevant information available.

**Advice for firefighters**

**Protective equipment:** No special measures required.

#### 6 Accidental release measures

**Personal precautions,  
protective equipment and  
emergency procedures**

Wear protective equipment. Keep unprotected persons away.  
Wear protective clothing.

**Environmental precautions:** Dilute with plenty of water.

**Methods and material for**

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

Dispose of the collected material according to regulations.

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**Reference to other sections**

No dangerous substances are released.

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:**

**Precautions for safe handling** When diluting, always stir the product into standing water, not water to product.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid contact with skin and eyes.

**General protective and  
hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

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**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:** Unsuitable material for receptacle: aluminium.  
 Unsuitable material for receptacle: steel.  
 Store only in the original receptacle.

**Information about storage in**

**one common storage facility:** Store away from oxidizing agents.  
 Store away from reducing agents.

**Further information about****storage conditions:**

Protect from frost.  
 Keep receptacle tightly sealed.  
 Store in cool, dry conditions in well sealed receptacles.

**Storage class:**

12

**Specific end use(s)**

No further relevant information available.

## 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 or drink while working.  
 Do not carry product impregnated cleaning cloths in trouser pockets.  
 Do not eat, drink, smoke or sniff while working.  
 Keep away from foodstuffs, beverages and feed.  
 Avoid contact with the eyes and skin.  
 Immediately remove all soiled and contaminated clothing.

**Breathing equipment:**

Use suitable respiratory protective device only when aerosol or mist is formed.  
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**

Not necessary if room is well-ventilated.  
 Check protective gloves prior to each use for their proper condition.  
 Preventive skin protection by use of skin-protecting agents is recommended.

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<b>Material of gloves</b>	Protective 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 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
<b>Penetration time of glove material</b>	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>For the permanent contact gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR Recommended thickness of the material: $\geq 0.4$ mm For the mixture the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).
<b>As protection from splashes gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>Eye protection:</b>	Tightly sealed goggles
<b>Body protection:</b>	Acid resistant protective clothing Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Fluid
<b>Color:</b>	Light
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	Not determined.

**pH-value at 20 °C:** 1-2

#### Change in condition

<b>Melting point/Melting range:</b>	0 °C
<b>Boiling point/Boiling range:</b>	$\geq 100$ °C (7732-18-5 water, distilled, conductivity or of similar purity)

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Not applicable.

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<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapor pressure at 20 °C:</b>	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
<b>Density at 20 °C:</b>	1.005–1.034 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Fully miscible.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	120–160 mPas
<b>Kinematic:</b>	Not determined.
<b>Other information</b>	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 according to specifications.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known.

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### 11 Toxicological information

#### Information on toxicological effects

##### Acute toxicity:

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

##### 6153-56-6 oxalic acid

Oral	LD50	375 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rat)

##### Primary irritant effect:

##### 6153-56-6 oxalic acid

Irritation of skin	Schleimhautreizung	
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**on the skin:** Strong caustic effect on skin and mucous membranes.

##### 6153-56-6 oxalic acid

Dermal	Skin irritation	
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**on the eye:** Strong caustic effect.

##### 6153-56-6 oxalic acid

Eye irritation	
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##### Sensitization:

##### 6153-56-6 oxalic acid

Inhalative	Sensibilisierung	
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##### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:  
 The product is not subject to classification according to internally approved calculation methods for preparations:  
 Corrosive  
 Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

##### 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:** No further relevant information available.

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**Persistence and degradability** No further relevant information available.

**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  
 Must not reach bodies of water or drainage ditch undiluted or unneutralized.  
 Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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

**Uncleaned packagings:**

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

**Recommended cleansing agent:**

Water, if necessary with cleansing agents.

### 14 Transport information

<b>UN-Number</b> <i>DOT/TDG, ADR, IMDG, IATA</i>	Not applicable
<b>UN proper shipping name</b> <i>DOT/TDG, ADR, IMDG, IATA</i>	Not applicable
<b>Transport hazard class(es)</b> <i>DOT, ADR, ADN, IMDG, IATA</i> <b>Class</b>	Not applicable
<b>Packing group</b> <i>DOT/TDG, ADR, IMDG, IATA</i>	Not applicable

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<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>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):**

52-51-7 | bronopol (INN)

55406-53-6 | 3-Iodo-2-propynylbutylcarbamate

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

All components have the value ACTIVE.

**Canadian substance listings:**

**Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

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

144-62-7 | oxalic acid

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

None of the ingredients is listed.

**GHS label elements** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P262 Do not get in eyes, on skin, or on clothing.

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**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**

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H318 Causes serious eye damage.

**Department issuing SDS:** product safety department

**Contact:** Hr. Dr. Starp

**Date of the latest revision of the safety data sheet** 08/30/2022 / -

**Abbreviations and acronyms:** 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** ECHA Portal