

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

1 Identification

Product identifier**Trade name:** Intensive Cleaner**Other means of identification****Article number:** 8019**Application of the substance****/ the mixture** Cleaning agent/ Cleaner**Details of the supplier of the safety data sheet****Manufacturer/Supplier:****Supplier**

Osmo Wood and Colour Canada Ltd.
420 Thompson Drive - Unit 2
N1T 2K8 Cambridge, ON
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

Skin Irritation - Category 2 H315 Causes skin irritation.

Eye damage/irritation – Category 1 H318 Causes serious eye damage.

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

GHS05

Signal word

Danger

(Contd. on page 2)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 1)

Hazard-determining**components of labeling:**

disodium metasilicate

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

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

P102 Keep out of reach of children.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P404 Store in a closed container.

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

Additional information:

Reacts with acids with evolution of heat. Risk of splashing!

Observe the general safety regulations when handling chemicals.

Information pertaining to particular dangers for man and environment:**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 3

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *3

Fire = 0

Reactivity = 0

Other hazards

Clean skin thoroughly immediately after handling the product.

Always wear a dust mask when sanding.



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:

CAS: 6834-92-0	disodium metasilicate	≥3–<5% w/w *
	 Skin Corrosion - Category 1B, H314;  Acute Toxicity (Oral) - Category 4, H302; Specific target organ toxicity (single exposure) – Category 3, H335	

* Actual concentration ranges are withheld as a trade secret.

(Contd. on page 3)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 2)

4 First-aid measures

Description of first aid measures

General information:

Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air.
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 or rash occurs: Get medical advice/attention.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

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.

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

Nitrogen oxides (NO_x)

Advice for firefighters

Produkt im Konzentrat nicht brennbar.

Protective equipment:

No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training.

For emergency responders

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

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

(Contd. on page 4)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 3)

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

Do not allow to enter sewers/ surface or ground water.

Dispose of the collected material according to regulations.

Ensure adequate ventilation.

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

Precautions for safe handling

Use only in well ventilated areas.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid contact with skin and eyes.

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Do not carry product impregnated cleaning cloths in trouser pockets.

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:** Store only in the original receptacle.**Information about storage in****one common storage facility:** Not required.**Further information about****storage conditions:**

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.

(Contd. on page 5)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 4)

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:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Wash hands before breaks and at the end of work.
The usual precautionary measures for handling chemicals should be followed.
Store protective clothing separately.
Do not eat, drink, smoke or sniff while working.
See Section 7 for information on safe handling.

Breathing equipment:

Not necessary if room is well-ventilated.
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.
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Protection of hands:

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

Material of gloves

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.

**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

(Contd. on page 6)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 5)

Recommended thickness of the material: ≥ 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).

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

Nitrile rubber, NBR

Eye protection:

Bei Spritzgefahr:
 Schutzbrille mit Seitenschutz (Gestellbrille) (z.B. EN 166)
 Tightly sealed goggles

Body protection:

Beim Umfüllen oder Verdünnen: Kunststoffschürze
 Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Physical state

Liquid

Color:

Yellowish

Odor:

Mild

Odor threshold:

Not determined.

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

100 °C

Flammability:

Not applicable.

Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

Flash point:

Not applicable.

Decomposition temperature:

Not determined.

pH-value at 20 °C:

10.9

Viscosity:

Dynamic at 20 °C:

32 mPas

**Solubility in / Miscibility with
 Water:**

Not miscible or difficult to mix.

Partition coefficient (n-octanol/water):

Not determined.

Vapor pressure at 20 °C:

23 hPa

Vapor pressure:

Density at 20 °C:

1.068 g/cm³ (DIN 51757)

Relative density

Not determined.

Particle characteristics

Not applicable.

(Contd. on page 7)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 6)

Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Ignition temperature:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Solvent content:****VOC content:** 0 g/l**Change in condition****Evaporation rate** Not determined.**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** Strong exothermic reaction with acids.**Conditions to avoid** Erwärmung über 80°C, Frost**Incompatible materials:** Caution! Do not use with other products.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values that are relevant for classification:****CAS: 6834-92-0 disodium metasilicate**

Oral LD50 1,280 mg/kg (rat)

Primary irritant effect:**on the skin:** Causes skin irritation.
Irritant to skin and mucous membranes.

Dermal Skin irritation

on the eye: Strong irritant with the danger of severe eye injury.
Irritating effect.**Sensitization:** No sensitizing effects known.

(Contd. on page 8)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 7)

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

Additional toxicological information: Irritant

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:

biodegradability >90 % (OECD 301c (19 Tage))

Persistence and degradability Easily biodegradable

Method: OECD (19 Tage)

Analyzing method: 301 c

Degree of elimination: > 90%

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects
Remark: In Verdünnung keine Beeinflussung der biologischen Klärstufe.

Additional ecological information:
CSB-value: about 400 mg/g

AOX-indication: frei

According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 2006/11/
EC: keine

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

13 Disposal considerations

Waste treatment methods
Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 9)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 8)

Disposal must be made according to official regulations.

Uncleaned packagings:**Recommendation:**

Packaging can be reused or recycled after cleaning.

14 Transport information

UN-Number <i>DOT/TDG, ADR, ADN, IMDG, IATA</i>	Not applicable
UN proper shipping name <i>DOT/TDG, ADR, ADN, IMDG, IATA</i>	Not applicable
Transport hazard class(es) <i>DOT/TDG, ADR, ADN, IMDG, IATA</i> Class	Not applicable
Packing group <i>DOT/TDG, ADR, IMDG, IATA</i>	Not applicable
Environmental hazards: Marine pollutant:	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Special precautions for user	Not applicable.
UN "Model Regulation":	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):

All components have the value ACTIVE.

(Contd. on page 10)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 9)

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%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

CAS: 6834-92-0 | disodium metasilicate

GHS label elements

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

Hazard pictograms

GHS05

Signal word

Danger

Hazard-determining components of labeling:

disodium metasilicate

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves / eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P404 Store in a closed container.
- 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

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H335 May cause respiratory irritation.

(Contd. on page 11)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 4.0

Revision: 11/19/2025

Trade name: Intensive Cleaner

(Contd. of page 10)

Department issuing SDS: product safety department**Contact:** Hr. Dr. Starp**Version number of previous****version:** 3.5**Date of preparation** 11/19/2025

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)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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

*** Data compared to the previous version altered.** Additions, deletions, revisions