

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

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

Other means of identification

Trade name: **WPC & Aluminium Cleaner 8021**

Article number: 8021

Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture

Cleaning agent/ Cleaner

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

Skin irritation Category 2 H315 Causes skin irritation.

Serious eye damage Category 1 H318 Causes serious eye damage.

Additional information: For the wording of the listed hazard phrases refer to section 16.
HSNO Classes: 6.3A; 8.3A

Label elements

Hazard pictograms



GHS05

(Contd. on page 2)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 1)

Signal word	Danger
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. 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.
Additional information:	Reacts with acid under evolution of heat. Risk of splashing! Observe the general safety regulations when handling chemicals.
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.
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: 6834-92-0 EINECS: 229-912-9	disodium metasilicate Skin corrosion Category 1B, H314; Acute oral toxicity Category 4, H302; Specific target organ toxicity - single exposure Category 3, H335	≥2.5–<5%
CAS: 68439-46-3	Alcohols, C9-11, ethoxylated Serious eye damage Category 1, H318; Acute oral toxicity Category 4, H302	≥3–≤10%
CAS: 863679-20-3	Quaternary coco alkyl methyl amine ethoxylate methyl chloride Serious eye damage Category 1, H318; Skin irritation Category 2, H315	≥3–<10%

SVHC Not applicable

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

cationic surfactants, C9-11 PARETH-3	<5%
--------------------------------------	-----

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

SECTION 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.

(Contd. on page 3)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 2)

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.

SECTION 5: Fire fighting measures

Extinguishing media	
Suitable extinguishing agents:	Use fire extinguishing methods suitable to surrounding conditions.
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	Concentrated product is not flammable.
Protective equipment:	No special measures required.

SECTION 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. Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Dispose of the material collected according to regulations. Ensure adequate ventilation.

(Contd. on page 4)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 3)

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.
 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 fire - and explosion protection: 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 container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.

Storage class:

12

Specific end use(s)

No further relevant information available.

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.

Additional information:

The lists valid during the making were used as basis.

(Contd. on page 5)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 4)

Exposure controls**Appropriate engineering controls**

Ensure good ventilation/exhaustion at the workplace.

Individual protection measures, such as 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 are to be adhered to when handling chemicals.
 Store protective clothing separately.
 Do not eat, drink, smoke or sniff while working.
 See Section 7 for information on safe handling.

Respiratory protection:

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 self-contained respiratory protective device.
 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Hand protection

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.

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

Nitrile rubber, NBR
 If risk of splashing:
 Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)
 Tightly sealed goggles

Body protection:

When transferring or diluting: plastic apron

(Contd. on page 6)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

Protective work clothing

(Contd. of page 5)

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Physical state	Liquid
Colour:	Pale
Odour:	Mild
Odour threshold:	Not determined
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range	100 °C (212 °F)
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Decomposition temperature:	Not determined
pH (10 g/l) at 20 °C (68 °F)	10.9
Viscosity:	
Kinematic viscosity	> 30 s (ISO 3mm)
Dynamic at 20 °C (68 °F):	32 mPas
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density and/or relative density	
Density at 20 °C (68 °F):	1.068 g/cm ³ (8.912 lbs/gal) (DIN 51757)
Relative density	Not determined
Particle characteristics	Not applicable

Other information

Appearance:

Form: Fluid

Important information on protection of health and environment, and on safety.

Ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Solvent content:

VOC (EC) 0.0 g/l

(Contd. on page 7)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 6)

Change in condition**Evaporation rate**

Not determined

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
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

Strong exothermic reaction with acids.

Conditions to avoid

Heating above 80 ° C, frost

Incompatible materials:

Caution! Do not use with other products.

Hazardous decomposition products:

 Carbon monoxide and carbon dioxide
 Nitrogen oxides (NO_x)

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.

(Contd. on page 8)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 7)

LD/LC50 values relevant for classification:
CAS: 6834-92-0 disodium metasilicate

Oral LD50 1,280 mg/kg (rat)

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

Oral LD50 500 mg/kg (ATE)

Primary irritant effect:
Skin corrosion/irritation Causes skin irritation.

Dermal Skin irritation

Serious eye damage/irritation Causes serious eye damage.

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

Information on other hazards
Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

Toxicity
Aquatic toxicity:

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

Persistence and degradability Easily biodegradable

Method OECD (19 days)

Analysing 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

Endocrine disrupting
properties The product does not contain substances with endocrine disrupting properties.

Other adverse effects
Remark: In dilution no effect of the biological sewage treatment plant.

Additional ecological information:
COD-value: ~ 400 mg/g

AOX-indication: free

According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 2006/11/
EC: none

(Contd. on page 9)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021
General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

(Contd. of page 8)

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:**

Packaging may be reused or recycled after cleaning.

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

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.

(Contd. on page 10)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 9)

HSNO Approval numbers

CAS: 6834-92-0	disodium metasilicate	HSR003511
CAS: 68439-46-3	Alcohols, C9-11, ethoxylated	HSR003338

GHS label elements

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

Hazard pictograms


GHS05

Signal word

Danger

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.

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.

Chemical safety assessment
Named dangerous
substances - ANNEX I

None of the ingredients is listed.

National regulations:
GISBAU-Code

GISCODE: GG40

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.

Reasons for alterations

Change of product name/number

Change of classification

Relevant phrases

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Department issuing SDS:

product safety department

Contact:

Hr. Dr. Starp

Abbreviations and acronyms:

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

(Contd. on page 11)

Safety Data Sheet

in accordance with HSNO

Date of issue: 27.03.2026

Version number 5.1 (replaces version 5.0)

Revision: 17.03.2026

Trade name: WPC & Aluminium Cleaner 8021

(Contd. of page 10)

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)
 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
 Acute oral toxicity Category 4: Acute toxicity – Category 4
 Skin corrosion Category 1B: Skin corrosion/irritation – Category 1B
 Skin irritation Category 2: Skin corrosion/irritation – Category 2
 Serious eye damage Category 1: Serious eye damage/eye irritation – Category 1
 Specific target organ toxicity - single exposure Category 3: Specific target organ toxicity (single exposure) – Category 3
 ESIS : European chemical Substances Information System
 ECHA Portal
 Safety data sheets from raw material suppliers

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)