

Safety data sheet

according to UK REACH

Printing date 27.02.2026

Version number 4.1

Revision: 27.02.2026

1 Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name: Intensive Cleaner**Article number:** 8019**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:**emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English
IE: National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111**Importer**Importer for UK:
OSMO UK,
Smeaton Close
Unit 24 Anglo Business Park
Aylesbury, Bucks HP19 8UP
Phone: 01296 481 220, www.osmouk.com
United Kingdom

2 Hazards identification

Classification of the substance or mixture

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

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

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Label elements**Hazard pictograms**

GHS05

Signal word

Danger

Hazard-determining components of labelling:

disodium metasilicate
 Alcohols, C9-11, ethoxylated
 Quaternary coco alkyl methyl amine ethoxylate methyl chloride
 H315 Causes skin irritation.
 H318 Causes serious eye damage.

Hazard statements**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 soap and 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.
 P501 Dispose of contents/container in accordance with national regulations.

Additional information:

Reacts with acid under evolution of heat. Risk of splashing!
 Observe the general safety regulations when handling chemicals.
 Clean skin thoroughly immediately after handling the product.
 Always wear a dust mask when sanding.
 Observe the general safety regulations when handling chemicals.

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable

3 Composition/information on ingredients

Chemical characterisation: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 6834-92-0	disodium metasilicate	≥2.5–<5%
EINECS: 229-912-9	Skin Corr. 1B, H314; Acute Tox. 4, H302; STOT SE 3, H335	
Index number: 014-010-00-8		
CAS: 68439-46-3	Alcohols, C9-11, ethoxylated	≥3–≤10%
	Eye Dam. 1, H318; Acute Tox. 4, H302	

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CAS: 863679-20-3	Quaternary coco alkyl methyl amine ethoxylate methyl chloride	≥3–<10%
	Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315	

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

cationic surfactants, C9-11 PARETH-3	<5%
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Additional information: For the wording of the listed hazard phrases refer to section 16.**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.

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.

5 Firefighting 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.

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6 Accidental release measures

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

Wear protective clothing.

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.

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:

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.

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Specific end use(s)

No further relevant information available.

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.

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 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.

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.

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**For the permanent contact
gloves made of the following
materials are suitable:**

Nitrile rubber, NBR

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:

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

Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Fluid

Colour:

Yellowish

Odour:

Mild

Odour threshold:

Not determined

pH-value at 20 °C:

10.9

Change in condition

Melting point/freezing point:

Undetermined

Initial boiling point and boiling range: 100 °C

Flash point:

Not applicable

Flammability

Not applicable

Decomposition temperature:

Not determined

Ignition temperature:

Product is not selfigniting.

Explosive properties:

Product does not present an explosion hazard.

Explosion limits:

Lower:

Not determined

Upper:

Not determined

Vapour pressure at 20 °C:

23 hPa

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Density at 20 °C:	1.068 g/cm ³ (DIN 51757)
Relative density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
Dynamic at 20 °C:	32 mPas
Solvent content:	
VOC (EC)	0 g/l
Other information	No further relevant information available.

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)

11 Toxicological information

Information on toxicological effects

Acute toxicity

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)
CAS: 863679-20-3 Quaternary coco alkyl methyl amine ethoxylate methyl chloride		
Oral	LD50	500 mg/kg (ATE)

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Primary irritant effect:**Skin corrosion/irritation**

Causes skin irritation.
Irritant to skin and mucous membranes.

Dermal	Skin irritation	
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Serious eye damage/irritation Strong irritant with the danger of severe eye injury.
Irritating effect.

Respiratory or skin**sensitisation**

No sensitising effects known.

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

Additional toxicological**information:**

Irritant

12 Ecological information

Toxicity**Aquatic toxicity:**

biodegradability	>90 % (OECD 301c (19 Tage))
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Persistence and degradability Easily biodegradable

Method OECD (19 days)

Analysing method 301 c

Degree of elimination: > 90%

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological 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

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.

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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.

14 Transport information

UN-Number
ADR, ADN, IMDG, IATA

Not applicable

UN proper shipping name
ADR, ADN, IMDG, IATA

Not applicable

Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class

Not applicable

Packing group
ADR, IMDG, IATA

Not applicable

Environmental hazards:
Marine pollutant:

No

Special precautions for user

Not applicable

**Transport in bulk according to Annex II of Marpol
and the IBC Code**

Not applicable

UN "Model Regulation":

Not applicable

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Poisons Act
Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

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Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

GHS label elements

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

Hazard pictograms

GHS05

Signal word

Danger

Hazard-determining components of labelling:

disodium metasilicate
Alcohols, C9-11, ethoxylated
Quaternary coco alkyl methyl amine ethoxylate methyl chloride

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

Chemical safety assessment**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

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.

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Classification according to**Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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
 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
 vPvB: very Persistent and very Bioaccumulative
 ATE: Acute toxicity estimate values
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 STOT SE 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 (UK REACH)