

# FLOOR AND WALL DEGREASER

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 - Product identifier

Trade name/designation FLOOR AND WALL DEGREASER

Chemical name

Product-type Mixture

Product code JMS009  
4011065

### 1.2 - Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses - PC35: Washing and cleaning products  
(including solvent based products).

### 1.3 - Details of the supplier of the safety data sheet

Sybron (UK) Ltd  
Unit 3 & 4 Crammond Park  
Lovet Road  
CM19 5TF Harlow United Kingdom  
Telephone : 01279422722  
Website [www.sybron.co.uk](http://www.sybron.co.uk)  
Mark Newson: 01279422722 [sales@sybron.co.uk](mailto:sales@sybron.co.uk)

### 1.4 - Emergency telephone number

United Kingdom: NHS Direct: 111

## SECTION 2: Hazards identification

### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Met. Corr. 1	Corrosive to metals - Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Eye Dam. 1	Serious eye damage, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: SODIUM METASILICATE PENTAHYDRATE (CAS No.: 10213-79-3) | sodium hydroxide (CAS No.: 1310-73-2) | Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (CAS No.: 308062-28-4)

Signal word : Danger

Hazard pictograms



Hazard statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

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H412	Harmful to aquatic life with long lasting effects
Precautionary statements	
P234	Keep only in original packaging.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P405	Store locked up.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national regulation.

EUH-phrases : None

### 2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	CAS No. : 308062-28-4 Index No. : EC No. : 931-292-6	0 - 10	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	Not applicable
sodium hydroxide	CAS No. : 1310-73-2 Index No. : 011-002-00-6 EC No. : 215-185-5	0 - 5	Eye Dam. 1 - H318 Skin Corr. 1A - H314	Not applicable
SODIUM METASILICATE PENTAHYDRATE	CAS No. : 10213-79-3 Index No. : EC No. : 229-912-9	0 - 5	Eye Dam. 1 - H318 Skin Corr. 1B - H314 STOT SE 3 (H335) - H335	Not applicable
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	CAS No. : 111-76-2 Index No. : 603-014-00-0 EC No. : 203-905-0	0 - 2	Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315	ATE oral 1200
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	CAS No. : 112-34-5 Index No. : 603-096-00-8 EC No. : 203-961-6	0 - 2	Eye Irrit. 2 - H319	Not applicable
trisodium nitrilotriacetate	CAS No. : 5064-31-3 Index No. : 607-620-00-6 EC No. : 225-768-6	0 - 2	Carc. 2 - H351 Eye Irrit. 2 - H319 Met. Corr. 1 - H290 Skin Irrit. 2 - H315	Not applicable

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### SECTION 4: First aid measures

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#### 4.1 - Description of first aid measures

<u>Following inhalation</u>	<ul style="list-style-type: none"><li>- Provide fresh air.</li><li>- When in doubt or if symptoms are observed, get medical advice.</li></ul>
<u>Following skin contact</u>	<ul style="list-style-type: none"><li>- After contact with skin, wash immediately with plenty of water and soap.</li><li>- Remove contaminated, saturated clothing immediately.</li><li>- In case of skin reactions, consult a physician.</li></ul>
<u>After eye contact</u>	<ul style="list-style-type: none"><li>- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.</li></ul>
<u>After ingestion</u>	<ul style="list-style-type: none"><li>- If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.</li></ul>

#### 4.2 - Most important symptoms and effects, both acute and delayed

<u>Symptoms and effects - Following inhalation</u>	<ul style="list-style-type: none"><li>- There may be irritation of the throat with a feeling of tightness in the chest.</li></ul>
<u>Symptoms and effects - Following skin contact</u>	<ul style="list-style-type: none"><li>- Causes skin irritation.</li><li>- Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.</li></ul>
<u>Symptoms and effects - After eye contact</u>	<ul style="list-style-type: none"><li>- Serious eye damage/eye irritation</li></ul>
<u>Symptoms and effects - After ingestion</u>	<ul style="list-style-type: none"><li>- There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.</li></ul>

#### 4.3 - Indication of any immediate medical attention and special treatment needed

- Eye bathing equipment should be available on site.
- Treat symptomatically.

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### SECTION 5: Firefighting measures

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#### 5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none"><li>- ABC-powder</li><li>- Carbon dioxide (CO<sub>2</sub>)</li><li>- Foam</li><li>- Extinguishing powder</li></ul>
<u>Unsuitable extinguishing media</u>	<ul style="list-style-type: none"><li>- Full water jet</li></ul>

#### 5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	<ul style="list-style-type: none"><li>- Hazardous combustion products</li><li>- Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.</li></ul>
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### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.

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## SECTION 6: Accidental release measures

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### 6.1 - Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

- Use personal protection equipment.
- If outside, keep bystanders upwind and away from danger point.
- Mark out the contaminated area with signs and prevent access to unauthorised access.
- Provide adequate ventilation.
- Turn leaking containers upside to prevent further escape of liquid

#### For emergency responders

- No information available.

### 6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Ensure waste is collected and contained.

### 6.3 - Methods and material for containment and cleaning up

#### Methods and material for containment

- Soak up inert absorbent and dispose as waste requiring special attention.

#### Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Clear contaminated areas thoroughly.

#### Inappropriate techniques

- No information available.

### 6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

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### 7.1 - Precautions for safe handling

#### Recommendation

- Avoid: Eye contact
- Avoid: Skin contact
- Do not spray on naked flames or any incandescent material.
- Ensure adequate ventilation

#### Advices on general occupational hygiene

- Wash contaminated clothing prior to re-use.
- Wash hands before breaks and after work.
- When using do not eat, drink, smoke, sniff.
- Work in well-ventilated zones or use proper respiratory protection.

### 7.2 - Conditions for safe storage, including any incompatibilities

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- Store in a place accessible by authorized persons only.
- Only use containers specifically approved for the substance/product.
- Keep container tightly closed in a cool, well-ventilated place.

### 7.3 - Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

### 8.2 - Exposure controls

Appropriate engineering controls - Ensure there is sufficient ventilation

Individual protection measures, such as personal protective equipment - Eye protection



- Protective Clothing
- Protective gloves



- Wash hands thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	<u>Liquid</u>	<u>Appearance</u>	<u>Liquid</u>
<u>Colour</u>	colourless	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		12.5 < V < 13.5	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		No data available	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		Soluble in water.	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	

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Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	Non-viscous

### Particle characteristics

Particle size	No data available
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## 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- Avoid direct sunlight.
- Avoid excessive heat for prolonged periods of time.

### 10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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- Based on available data, the classification criteria are not met.

### Toxicity : Substances

trisodium nitrilotriacetate (5064-31-3)	
LD50 oral (rat)	> 1450 mg/kg
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)	
LD50 oral (rat)	1064 mg/kg
LD50 dermal (rat)	> 2000 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg

Skin corrosion/irritation - Skin corrosion, Category 1B - Causes severe skin burns and eye damage

- Corrosive.

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Risk of serious damage to eyes.  
- Causes serious eye irritation.  
- Corrosive.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

### 11.2 - Information on other hazards

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

#### Toxicity : Substances

trisodium nitrilotriacetate (5064-31-3)	
EC50 48 hr crustacea	> 100 mg/l

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sodium hydroxide (1310-73-2)	
EC50 48 hr crustacea	156 mg/l
LC50 96 hr fish	55.6 mg/l
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)	
LC50 96 hr fish	2.67 mg/l

- Harmful to aquatic life with long lasting effects.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6 - Endocrine disrupting properties

### 12.7 - Other adverse effects

- No information available.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- Waste for disposal is to be classified and labelled. - Do not mix with other wastes. - Consult the appropriate local waste disposal expert about waste disposal.
<u>Community or national or regional provisions</u>	- No information available.

## SECTION 14: Transport information

### 14.1 - UN number or ID number

Not applicable

### 14.2 - UN proper shipping name



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### 14.3 - Transport hazard class(es)

### 14.4 - Packing group

### 14.5 - Environmental hazards

### 14.6 - Special precautions for user

### 14.7 - Maritime transport in bulk according to IMO instruments

## SECTION 15: Regulatory information

### 15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (Index No.: 603-096-00-8 - EC No.: 203-961-6 - CAS No.: 112-34-5)
<u>VOC content</u>	No data available

### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

## SECTION 16: Other information

### SDS versions

Version	Issue date	Author	Description of the amendments
1	03/03/2022		

### Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Carc. 2	Carcinogenicity - Category 2
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation

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H319	Causes serious eye irritation
H332	Harmful if inhaled
H412	Harmful to aquatic life with long lasting effects
Met. Corr. 1	Corrosive to metals - Category 1
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Irritation, Category 2
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)

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