

# SAFETY DATA SHEET

## Eclipse Mould & Mildew

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

#### 1.1. Product identifier

Product name Eclipse Mould & Mildew

Product number A0344

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

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

Supplier ABLE CLEANING AND HYGIENE SUPPLIES  
27-33 THREXTON INDUS EST  
WATTON  
NORFOLK  
IP25 6NH  
Tel: 01953 885 661

#### 1.4. Emergency telephone number

National emergency telephone number NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Met. Corr. 1 - H290

Health hazards Skin Corr. 1B - H314

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

#### 2.2. Label elements

Pictogram



Signal word Danger

Hazard statements  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

## Eclipse Mould & Mildew

<b>Precautionary statements</b>	<p>P234 Keep only in original packaging.</p> <p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P390 Absorb spillage to prevent material damage.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P406 Store in a corrosion-resistant container with a resistant inner liner.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Supplemental label information</b>	EUH031 Contact with acids liberates toxic gas.
<b>Contains</b>	sodium hypochlorite, solution ... % Cl active
<b>Detergent labelling</b>	15 - < 30% chlorine-based bleaching agents

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE</b> <span style="float: right;">15-30%</span> <p>CAS number: 7681-52-9                                  EC number: 231-668-3</p> <p>M factor (Acute) = 10</p>
<p><b>Classification</b></p> <p>Met. Corr. 1 - H290</p> <p>Skin Corr. 1B - H314</p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 2 - H411</p>
<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b> <span style="float: right;">&lt;1%</span> <p>CAS number: 308062-28-4                                  EC number: 931-292-6                                  REACH registration number: 01-2119490061-47-0000</p> <p>M factor (Acute) = 1    M factor (Chronic) = 1</p>
<p><b>Classification</b></p> <p>Acute Tox. 4 - H302</p> <p>Skin Irrit. 2 - H315</p> <p>Eye Dam. 1 - H318</p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 1 - H410</p>

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SODIUM HYDROXIDE <span style="float: right;">&lt;1%</span>		
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
<b>Classification</b> Skin Corr. 1A - H314 Eye Dam. 1 - H318		

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. DO NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

Inhalation	In case of fire, toxic gases may be formed. Chlorine.
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	Chemical burns.
Eye contact	Causes burns. Risk of serious damage to eyes.

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

Notes for the doctor	Get medical attention immediately.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.
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#### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases/vapours/fumes of: Chlorine. Fire or high temperatures create: Oxygen.
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#### 5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water. Wear self-contained breathing apparatus and full body protection.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

Personal precautions	Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.
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#### 6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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## 6.3. Methods and material for containment and cleaning up

### Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Inform authorities if large amounts are involved. Absorb spillage with inert, damp, non-combustible material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Flush contaminated area with plenty of water.

## 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation. Warning! Do not use together with other products. May release dangerous gases (chlorine).

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

#### Storage precautions

Protect from freezing and direct sunlight. Keep at temperature not exceeding 40°C. Do not close container tightly, due to the risk of excessive pressure build-up. Avoid contact with acids. Do not store together with ammonium salts

#### Storage class

Corrosive storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

#### DNEL

Consumer - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

Workers - Inhalation; Long term local effects: 10 mg/m<sup>2</sup>

Industry - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Chemical splash goggles or face shield.

#### Hand protection

Wear protective gloves made of the following material: Nitrile rubber. Butyl rubber. Neoprene. Polyvinyl chloride (PVC). Rubber (natural, latex). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

#### Other skin and body protection

Wear rubber apron. Wear rubber footwear.

#### Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Provide eyewash station and safety shower. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Do not eat, drink or smoke when using this product.

#### Respiratory protection

In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

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### SECTION 9: Physical and Chemical Properties

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

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** Generates toxic gas in contact with acid.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Generates toxic gas in contact with acid. May be corrosive to metals.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight. Avoid extremes of temperature especially frost and freezing conditions.

#### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Amines. Some metals. Organic compounds. 2. Ammonium compounds Metal salts  
Hydrogen peroxide Acetic anhydride

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Oxygen. Chlorine.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Inhalation** May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause eye and respiratory system irritation.

**Ingestion** May cause chemical burns in mouth, oesophagus and stomach.

**Skin contact** May cause serious chemical burns to the skin.

**Eye contact** Causes burns.

**Target organs** Respiratory system, lungs

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** Toxic to aquatic organisms. Very toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is expected to be biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

# Eclipse Mould & Mildew

Other adverse effects                      None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information**                      Do not puncture or incinerate, even when empty. Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods**                        Dispose of contents/container in accordance with local regulations.

**EURAL Code**

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	3266
UN No. (IMDG)	3266
UN No. (ICAO)	3266
UN No. (ADN)	3266

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, HYPOCHLORITE SOLUTION)
Proper shipping name (IMDG)	3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, HYPOCHLORITE SOLUTION)
Proper shipping name (ICAO)	3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, HYPOCHLORITE SOLUTION)
Proper shipping name (ADN)	3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, HYPOCHLORITE SOLUTION)

### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C5
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

# Eclipse Mould & Mildew

Environmentally hazardous substance/marine pollutant



## 14.6. Special precautions for user

IMDG Code segregation group	18. Alkalis
EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
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#### 15.2. Chemical safety assessment

### SECTION 16: Other information

Revision comments	This is the first issue.
Revision date	18/10/2018
Revision	1
SDS number	8000/22414
Hazard statements in full	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.