

# PRODUCT INFORMATION SHEET

## Multi – Purpose Degreaser Product Code–CH8

### Safety Data Sheet

Corresponding to EC Directive 91/155/EEC

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Date of issue: 01.01.10

Document No:

Replaces version of: 01.01.08

### PRODUCT NAME: MULTI-PURPOSE DEGREASER.

#### 1). PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product Name: **MULTI-PURPOSE DEGREASER.**  
1.2 Company Name: Essential Supplies Ire Ltd  
Company Address: Unit B2/B3 M7 Business Park Naas Co. Kildare  
Telephone: 045 873 613

#### 2). COMPOSITION/INFORMATION

Hazardous Ingredients	% (w/w)	CAS-Number	Symbol	R-Phrases
Sodium Metasilicate	0 – 5%	(6832 – 92 – 0)	C	R34,37
Sodium Hydroxide	0 - 1%	(1310 - 73 - 2)	C	R35
2 – Butoxyethanol	0 – 5%	(11 – 76 - 2)	Xn	R20,21,22,37

#### 3). HAZARDS IDENTIFICATION

This product causes no major environmental or chemical hazards in normal usage.  
Spillage's can present a slipping hazard.  
Main Symptoms: Eyes - Irritation: Skin - Irritation

#### 4). FIRST AID MEASURES

- 4.1 Inhalation: Remove to fresh air.  
4.2 Skin Contact: Flush thoroughly with soap and water remove contaminated clothing.  
4.3 Eye Contact: Flush eyes with water immediately.  
Obtain medical attention if irritation persists.  
4.4 Ingestion: Rinse out mouth immediately with water.  
Consult a doctor if necessary

#### 5). FIRE - FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: Water, Foam.  
5.2 Unsuitable: None.  
5.3 Specific Hazards: Fumes containing oxides of nitrogen may be formed in large fires.  
5.4 Special Equipment for the protection of Fire - Fighters: Self-contained breathing apparatus should be used.

## 6). ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: Avoid contact with skin and eyes (see Section 8.)
  - 6.2 Environmental Precautions: No special measures required
  - 6.3 Methods for Cleaning Up: Small Spills - Flush with water.  
Large Spills - Absorb with an absorbent material.
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## 7). HANDLING AND STORAGE

### 7.1 Handling

- 7.1.1 Technical Measures: No special measures required.
- 7.1.2 Safe Handling Advice: Avoid contact with eyes and skin.  
Comply with instructions for use.

### 7.2 Storage

- 7.2.1 Technical Measures: No special measures required.
  - 7.2.2 Storage Conditions: Store in a cool dry place.
  - 7.2.3 Incompatible Products: Avoid contact with aluminum, copper, nickel, zinc and their alloys.
  - 7.2.4 Packaging: Plastic Drums.
  - 7.2.5 Packaging Materials:  
Recommended - Plastic Materials, Polyethylene, Polypropylene  
Not Suitable - Uncoated Metal Drums.
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## 8). EXPOSURE CONTROLS/PERSONAL PROTECTION

- \* 8.1 Engineering Measures: No special measures required.
- 8.2 Personal Protection Equipment:  
Respiratory Protection - Provide adequate ventilation in areas of confined space.  
Hand Protection - Use PVC or Rubber Gloves.  
Eye Protection - Use Chemical Goggles if splashing is expected.  
Skin Protection - Wear Plastic Apron if excessive splashing is expected.
- 8.3 Hygiene Measures - Handle in accordance with good industrial hygiene and safety practices.

### Occupational Exposure Limits:

Sodium Hydroxide	:	STEL 2mg / m <sup>3</sup>
Sodium Metasilicate	:	STEL 2mg / m <sup>3</sup>
2 - Butoxyethanol	:	LTEL 25 ppm

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## 9). PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical State - Clear Liquid.
  - 9.2 Colour - Blue.
  - 9.3 Odour - Distinctive Lemon
  - 9.4 Solubility - 100% Soluble in Water.
  - 9.5 Flashpoint - None.
  - 9.6 Explosive Properties - None.
  - 9.7 Density - 1.05kg/dm<sup>3</sup>.
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## 10). STABILITY AND REACTIVITY

Stable.  
Avoid Extreme Temperatures.  
Do not mix with strong acids or oxidizing agents.  
Hazardous Decomposition Products - None Known.

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## 11). TOXICOLOGICAL INFORMATION

This is a relatively innocuous substance not expected to cause harm. Should treatment ever be required it would be directed at control of symptoms.  
Skin Irritation – Yes      Eye Irritation – Yes

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## 12). ECOLOGICAL INFORMATION

Readily Biodegradable

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## 13). DISPOSAL CONSIDERATIONS

Soak up with absorbent material and dump in accordance with local regulations.  
Small quantities may be flushed down the sewer with plenty of water.

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## 14). TRANSPORT INFORMATION

REGULATIONS	CLASS
RID/ADR:	Not Classified
ICAO/IATA-DGR:	Not Classified
GGVSee/IMDG-Code:	Not Classified

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## 15). REGULATORY INFORMATION

### EU Regulations:

Xi: Irritant.  
R36/38: Irritating to eyes and skin.  
S2: Keep out of reach of children.  
S26: In case of contact with eyes, rinse with plenty of water and seek medical advice.  
S37/39: Wear suitable gloves and eye/face protection.

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## 16). OTHER INFORMATION

\* Safety Data Sheet in review.

An asterix (\*) in the left hand margin indicates an amendment from the previous version.

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Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.

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