

# **DIRECTA**

## **ESSENTIALS FOR INDUSTRY**

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### **TECHNICAL DATA SHEET**

**PRODUCT:** Mr Muscle Professional Washroom Cleaner 750ml

Our Ref: 606WASH

### **COMPOSITION/ INFORMATION ON INGREDIENTS:**

CAS No	EINECS No			
111-75-2	203-905-0	2-Butoxyethanol (OES)	Xn: R20/21/22-37	(<5%)
126-92-1	-	Alkyl Sulphate	Xi: R36/38	(<5%)
67-63-0	200-661-7	Propan-2-ol (OES)	Xi: F;R11-36-37	(<5%)
54-02-8	200-573-9	Tetrasodium ethylene-diaminetetraacetate	Xn: R22-36	(<5%)

### **HAZARDS IDENTIFICATION:**

Irritant – Irritating to eyes.

This product contains a material with an OES/MEL published in HSE document EH40.

### **FIRST AID MEASURES:**

Eyes: Rinse immediately with copious amounts of water, holding the eyelids open and obtain immediate medical attention.

Inhalation: Remove from source of exposure.

Skin: Wash thoroughly with soap and water.

Ingestion: Remove product from mouth, give casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.

### **FIRE FIGHTING MEASURES:**

Non Flammable – In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. May evolve toxic fumes if involved in a fire, fire fighters should wear self-contained breathing apparatus.

### **ACCIDENTAL RELEASE MEASURES:**

Hose away with plenty of water diluting to at least 5% w/v (50g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of safely as commercial waste.

### **HANDLING AND STORAGE:**

Avoid contact with skin and eyes. Always ensure good ventilation when using this product. Rinse and dry hands after use, for prolonged contact, protection of the hands may be necessary. Do not mix with any other chemicals other than as advised by your representative

### **EXPOSURE CONTROL/ PERSONAL PROTECTION:**

Hand: For prolonged contact, the use of gloves resistant to solvents is recommended.

Eyes: Personal protection is not normally required unless a risk assessment indicates the need for it.

Skin: Personal protection is not normally required unless a risk assessment indicates the need for it.

Respiration: When product is used as directed, personal protective equipment is not required unless a risk assessment indicates the need for it.

OES/MEL:

2-Butoxyethanol:

OES 123 mg/cu.m 8 hour TWA

B.M.V 240 mmol, butoxyacetic acid/mol creatinine in urine

Vapour can be absorbed through intact skin.

### **PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance: Blue liquid

Odour: Characteristic

pH: >12.5.

Solubility: Fully miscible in water

Density: 1.00 g/cm<sup>3</sup>

Flashpoint: Closed cup: 50°C

This product has a flashpoint between 21°C and 61°C

Does not support combustion.

Other : Viscosity dynamic: <5cps

### **STABILITY AND REACTIVITY:**

Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

### **TOXICOLOGICAL INFORMATION:**

Eyes: Irritant

Skin: Unlikely to be irritant in normal use.

Inhalation: Irritant.

Ingestion: Irritant.

### **ECOLOGICAL INFORMATION:**

Ingredients according to EC 89/542:

Less than 5%: Anionic surfactants

Less than 5%: E.D.T.A

### **DISPOSAL CONSIDERATIONS:**

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribe Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities, dilute with water to at least 2.5% w/e (25g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facility exists or dispose of as commercial waste. For larger quantities dispose of safely as commercial waste.

European waste catalogue 20 01 29 containing dangerous substances.

### **TRANSPORT INFORMATION:**

EEC Regulation: Not regulated

IMDG/UN: Not regulated

RID/ADR: Not regulated

ICAO/IATA: Not regulated

**REGULATORY INFORMATION:**

Hazard Symbol: Xi, Irritant

Risk Phrases: R36 Irritating to eyes.

Safety Phrases: S2 Keep out of reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

This product contains a material with an OES/MEL published in HSE document EH40.

**OTHER INFORMATION:**

Handle and apply only as recommended, for full information see product information sheet.

Text of risk phrases associated with ingredients in section 2

R11 Highly flammable

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed

R22 Harmful if swallowed

R36 Irritating to eyes

R36/38 Irritating to eyes and skin

R37 Irritating to respiratory system

R67 Vapours may cause drowsiness and dizziness.

DS367.TDS

17<sup>th</sup> February 2005