

# **DIRECTA**

## **ESSENTIALS FOR INDUSTRY**

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### **TECHNICAL DATA SHEET**

**PRODUCT:** Brillo Oven Cleaner

Our Ref: 606040063

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

CAS No.	EINECS No			
1310-73-2	215-185-5	Sodium Hydroxide (OES)	C:R35	(5-15%)
96130-61-9	-	Ether Sulphate	Xi: R36/38	(<5%)

Full text of R-phrases is given in section 16.

### **HAZARDS IDENTIFICATION:**

Corrosive – causes severe burns. 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 for at least ten minutes, holding the eyelids open and obtain immediate medical attention.

Inhalation: Remove from source of exposure. Seek medical advice if effects persist.

Skin: Remove contaminated clothing and wash thoroughly before re-use. If irritation persists or there is any sign of tissue damage seek medical advice.

Ingestion: Remove product from mouth, give the 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. Fire fighters should wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

### **ACCIDENTAL RELEASE MEASURES:**

Wear full protective clothing including gloves and eye/face protection. Hose away with plenty of water diluting to at least 1% w/v (10g/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, eyes and clothing. Wear suitable gloves and eye/face protection. Do not mix with other chemicals other than as advised by your representative. Store upright in original closed containers in a cool place.

**EXPOSURE CONTROL/ PERSONAL PROTECTION:**

Hand: Use gloves resistant to Sodium Hydroxide.

Eyes: When handling neat product wear eye/face protection to EN 166.

Skin: Wear protective overalls or bib resistant to alkalis.

Respiration: Respiratory protection should normally be achieved through product containment, extract ventilation or other suitable engineering techniques.

OES/MEL: Sodium Hydroxide: O.E.S 2mg/cu. 15 min ref time  
Ref. HSE publication EH40.

**PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	Clear yellow liquid
Odour:	Characteristic
pH:	>12.5
Solubility:	Fully miscible in water
Density:	1.06 g/cm <sup>3</sup>
Other:	Viscosity dynamic 1400 cps

**STABILITY AND REACTIVITY:**

Exothermic reaction with acids. Keep away from strong oxidising agents. Provided the product is stored in accordance with the approved guidelines, there are no known hazardous decomposition products.

**TOXICOLOGICAL INFORMATION:**

Eyes: Corrosive – causes severe burns.

Skin: Corrosive – causes severe burns.

Inhalation: Corrosive – May cause pulmonary oedema.

Ingestion: Corrosive – Strong caustic effect on mouth and throat and danger of perforation to oesophagus.

**ECOLOGICAL INFORMATION:**

Ingredients according to EC 89/542:

Less than 5%: Anionic surfactants.

**DISPOSAL CONSIDERATIONS:**

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed 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 1% w/v (10 g/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 15 Alkalines.

**TRANSPORT INFORMATION:**

EEC Regulation: C, CORROSIVE, Corrosive Liquid, Basic, Inorganic, NOS, (Sodium Hydroxide), UN3266, Hazchem 2X.

IMDG/UN: Corrosive Liquid, Basic, Inorganic, NOS (Sodium Hydroxide), UN3266, Class 8, PG II.

RIS/ADR: Class 8, Item 47 (b)

ICAO/IATA: Passenger Aircraft: 808, Y808, Cargo Aircraft: 812

**REGULATORY INFORMATION:**

Hazard Symbol: C, CORROSIVE, Contains Sodium Hydroxide.

Risk Phrases: R35 Causes severe burns

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.

S28 After contact with skin, wash immediately with plenty of water.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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. Emergency Call 0800 052 0185

Internal Reference:- MSDS 07-Sept-1999-Brillo Oven Cleaner.

Text of risk phrases associated with ingredients in section 2.

R35 Causes severe burns.

R36/38 Irritating to eyes and skin.

DS390.TDS

8<sup>th</sup> March 2005