

## HEALTH & SAFETY

### 1) Identification of Substance/Preparation

**Product Name** IDL Combination Oven Cleaner

### 2) Composition Information

Hazardous Ingredients	CAS No	%w/w	Nature of Hazard
Potassium Hydroxide	1310-58-3	15 - 30	CORROSIVE Causes severe burns

### 3) Hazards Identification

CORROSIVE - CAUSES BURNS

### 4) First Aid Measures

**Eyes - IMMEDIATELY** rinse well with plenty of water or saline solution and continue for at least 10 minutes. Blink eye when rinsing to help removal of product. DO NOT DELAY - seek immediate medical attention.

**Skin - IMMEDIATELY** remove all contaminated clothing and wash thoroughly before wearing. Wash affected areas with plenty of water and soap and seek medical attention.

**Ingestion - DO NOT INDUCE VOMITING.** Rinse out mouth with water. Give milk/water to drink, seek immediate medical attention.

### 5) Fire Fighting Procedure

Product is not classified as flammable, but may well give off irritating fumes during a fire. Treat fires with either dry chemical, foam or waterspray - do not use waterjet. Fire-fighters should wear self-contained breathing apparatus.

### 6) Accidental Release Measures

Avoid contact with skin and eyes. Spillages need to be contained to prevent entering watercourse, however small spillages can be neutralised with dilute acids e.g. hydrochloric acid or vinegar and then rinsed away - use plenty of water. Spillages can be absorbed in inert material e.g. dry sand/earth and transferred into secure plastic containers for disposal.

### 7) Handling and Storage

Store away from children

Use only according to directions

Do not mix with other chemicals

Always ensure cap is replaced and tightened after use

Store between 5oC and 35oC:

Do not allow product to contact eyes or skin

### 8) Exposure Controls/Personal Protection

Prevent possible contact with eyes at all times by wearing safety glasses

Wear protective rubber gloves when handling this product. If large quantities of product are being handled, protective boots and apron may also be required.

**Occupational Exposure Standard: O.E.S.: POTASSIUM HYDROXIDE**

**LTEL 8 hours** - not set

**STEL 15 minutes** - 2mg per cubic metre

## **IDL Combination Oven Cleaner (cont.)**

### **9) Physical and Chemical properties**

- 1) **Appearance** - Clear pale amber Liquid
- 2) **Odour** - Slight citrus
- 3) **pH** - >13.5
- 4) **Density** - 1.050 kg/litre at 20oC
- 5) **Flashpoint** - - Not applicable
- 6) **Solubility in Water** - - Soluble

### **10) Stability and Reactivity**

Product is stable under normal conditions. Alkaline products react with light metals (aluminium, tin or zinc and their alloys) with the evolution of hydrogen gas which is highly flammable.

### **11) Toxicological Information**

#### **Effects due to Overexposure**

**Contact with eyes** - Severe pain, redness, causes burns. May cause permanent damage

**Contact with skin** - Caustic burns likely even after short contact time

**Ingested** - Burns to mouth, mucous membranes and gastrointestinal tract

### **12) Ecological Information**

Bio accumulation will not occur. Due to the high pH, the presence of significant quantities of the product will be highly toxic to all aquatic life and soil resident organisms.

### **13) Disposal Considerations**

Dispose of according to local waste regulations.

### **14) Transport Information**

Proper Shipping Name: POTASSIUM HYDROXIDE SOLUTION

U.N. No. : 1814 UK Transport Category: 2

Hazard Class: 8 Packing Group: 111

### **15) Regulatory Information**

CORROSIVE - Contains POTASSIUM HYDROXIDE SOLUTION

Risk Phrases: 34 Causes burns

Safety Phrases:

1/2: Keep locked up and out of reach of children

24/25: Avoid contact with skin and eyes

26: In case of contact with eyes, rinse immediately with plenty of water and seek medical attention

27/28: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water

36/37/39: Wear suitable protective clothing, gloves and eye/face protection

45: In case of accident or if you feel unwell seek medical advice immediately (shows this container label where possible)

### **16) Other Information**

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.

IDL Combination Oven Cleaner: 01/2002

Issue No: 1