



# MATERIAL SAFETY DATA SHEET

According to 91/155/EEC, 93/112/EC, 2001/58/EC

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## FOR EMERGENCY AND GENERAL INFORMATION

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## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name : Sumabrite® Oven and Grill Cleaner**

**Application of the product :** Professional kitchen hygiene product.

## SECTION 2 - HAZARDS IDENTIFICATION

**Classification :**



C, Corrosive

**Hazards for man and the environment :**

R 35 - Causes severe burns.

**Classification system :** The classification complies with current EC regulations on dangerous substances and preparations.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical characterization**

**Description :** Mixture in water of non-dangerous ingredients and the substances listed below.

**Hazardous ingredients :**

CAS: 1310-73-2	sodium hydroxide	C; R 35	5 - 15%
EINECS: 215-185-5			
CAS: 68515-73-1	alkyl polyglucoside	Xi; R 41	<5%
EINECS: 500-220-1			

**Ingredients according to EC Detergents Regulation 648/2004**

nonionic surfactants	<5%
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**Additional information :** The full text of the relevant risk phrases is given in section 16.

## SECTION 4 - FIRST AID MEASURES

**General information :** Remove contaminated clothing immediately.

**Inhalation :** Remove from source of exposure. Obtain medical attention if symptoms develop. In case of unconsciousness bring patient into stable side position for transport.

**Skin contact :** Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.

**Eye contact :** Wash immediately with copious amounts of water and seek medical attention.

**Ingestion :** Remove material from mouth. Drink one or two glasses of water (or milk) and obtain immediate medical attention without delay.

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable extinguishing media :** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**Protective equipment :** No special measures required.



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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Protection of personnel :** Wear suitable protective clothing, gloves and eye / face protection.

**Environmental precautions :** Dilute with plenty of water

**Method of disposal :** Use neutralizing agent. Absorb onto dry sand or similar inert material. Dispose of the collected material according to the regulations.

## SECTION 7 - HANDLING AND STORAGE

**Handling ( see also sections 8 and 15)**

**Information for safe handling :** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

**Information about protection against explosions and fires :** No special measures required.

**Storage :**

**Requirements for storage rooms and containers :** According to local legislation.

**Storage in one common storage facility :** According to local legislation.

**Further information about storage conditions :** None.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Additional information about design of technical systems :** No further data; see section 7.

**Components with limit values that require monitoring at the workplace:**

### 1310-73-2 sodium hydroxide (15-30%)

OES (Great Britain) Short-term value: 2 mg/m<sup>3</sup>

### 34590-94-8 (2-methoxymethylethoxy)propanol (< 5%)

TLV (Europe) Long-term value: 308 mg/m, 50 ppm  
Skin

OES (Great Britain) Long-term value: 308 mg/m, 50 ppm  
IOELV, Sk

**Additional information :** The lists that were valid during the compilation were used as basis.

**Personal Protection equipment :**

**General protective and hygienic measures :**

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing.

Wash hands during breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Use only in well-ventilated areas.

**Breathing equipment :** Personal protection is not normally required. However, inhalation of dust, vapour or aerosol should be avoided.

**Protection of hands :** Chemical-resistant protective gloves made of butyl or nitrile rubber (EN 374, category III). In consultation with the supplier of protective gloves a different type of similar quality may be chosen.

**Eye protection :** Tightly fitting safety glasses

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**General information :**

**Form :** Liquid

**Colour :** Clear, Brown



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**Product Name : Sumabrite® Oven and Grill Cleaner**

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<b>Odour :</b>	Characteristic
<b>Change in condition :</b>	
<b>Melting point/Melting range :</b>	Not determined
<b>Boiling point/Boiling range :</b>	Not determined
<b>Flash point :</b>	Not applicable
<b>Spontaneous combustion :</b>	Product is not self igniting
<b>Danger of explosion :</b>	Product is not explosive.
<b>Bulk Density :</b>	1.05 - 1.15 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with Water :</b>	Soluble
<b>pH-value :</b>	12.5 - 13.5

## SECTION 10 - STABILITY AND REACTIVITY

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**Thermal decomposition / conditions to be avoided :** No decomposition if used according to specifications.

**Dangerous reactions :** React with acids.

**Hazardous decomposition products :** No dangerous decomposition products known.

## SECTION 11 - TOXICOLOGICAL INFORMATION

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### Acute toxicity:

**LD50 (oral) :** Based on the toxicological classification the LD50 (oral) is estimated to be 200-2000 mg/kg. This value is of no practical significance due to the corrosive nature of the product.

### Primary irritant effect:

**skin contact :** Causes burns.

**eye contact :** Causes severe or permanent damage.

**inhalation :** Severe irritant, may cause pulmonary oedema.

**ingestion :** Causes severe burns. Ingestion will lead to strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### Additional toxicological information:

EC classification :Corrosive

## SECTION 12 - ECOLOGICAL INFORMATION

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**General notes :** Must not reach sewage water or drainage ditch undiluted or unneutralized. When used for its intended purpose this product should not cause adverse effects in the environment.

## SECTION 13 - DISPOSAL CONSIDERATIONS

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### Product :

**Recommendation :** Dispose of observing official regulations.

### European waste catalogue :

20 01 15 alkalines

### Uncleaned packagings :

**Recommendation :** Dispose of observing official regulations.

**Recommended cleaning agent :** Water, if necessary with cleaning agent.



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## SECTION 14 - TRANSPORT INFORMATION

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Land transport ADR/RID (cross-border)



**ADR/RID Class :** 8 Corrosive substances  
**Kemler Number :** 80  
**UN-Number :** 1824  
**Packaging Group :** III  
**Label :** 8  
**Proper Shipping Name :** 1824 SODIUM HYDROXIDE SOLUTION

Maritime transport IMDG :



**IMDG Class :** 8  
**UN-Number :** 1824  
**Label :** 8  
**Packaging Group :** III  
**EMS Number :** F-A, S-B  
**Maritime Pollutant :** No  
**Proper Shipping Name :** SODIUM HYDROXIDE SOLUTION

Air transport ICAO-TI and IATA-DGR :



**ICAO / IATA Class:** 8  
**UN-Number :** 1824  
**Label :** 8  
**Packaging Group :** III  
**Proper Shipping Name :** SODIUM HYDROXIDE SOLUTION

**Transport / Additional Information :** Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

## SECTION 15 - REGULATORY INFORMATION

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**Classification according to EC guidelines :** The product has been classified and labeled in accordance with current EC Directives.

**Symbol and hazard designation of product:**



C, Corrosive

**Ingredients responsible for the classification :**  
sodium hydroxide



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**Product Name : Sumabrite® Oven and Grill Cleaner**

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**Risk phrases :**

35 Causes severe burns.

**Safety phrases:**

23 Do not breathe spray.

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

28 After contact with skin, 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 (show the label where possible)

51 Use only in well-ventilated areas.

**SECTION 16 - OTHER INFORMATION**

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The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

**Text of risk phrases associated with ingredients listed in section 3 :**

35 Causes severe burns.

41 Risk of serious damage to eyes.

**Department issuing material safety data sheet:**

**Contact :**

Diversey India Hygiene Pvt. Ltd.,  
501, 5th Floor, Ackruti Centre Point, MIDC Central Road,  
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*\* In case of local regulation change or formulation change this MSDS may undergo revision before the stated revision date.*