

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

Weston Favell Centre Northampton NN3 8PD Tel 01604 405311 Fax 01604 406809 Emergency Call 0800 052 0185

Clearance Code

**Mr. MUSCLE OVEN & GRILL FOAM**  
Professional kitchen hygiene product

Product Code  
**MSDS4589**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
1310-73-2	215-185-5	Sodium Hydroxide (WEL)	C: R35	(<5%)

Ingredients according to EC 648/2004:

Less than 5% : Aliphatic hydrocarbons, Anionic surfactants

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

## 3. HAZARDS IDENTIFICATION

Corrosive - causes burns

Highly flammable.

This product contains a material with an WEL published in HSE document EH40.

## 4. 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, remove contaminated clothing and wash before re-use.

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

## 5. FIRE FIGHTING MEASURES

FLAMMABLE AEROSOL - In the event of a fire there is a severe risk of explosion and flash, aerosols stored in quantities likely to present a hazard should be cooled with water or water spray if this can be done without risk to firefighting personnel.

## 6. ACCIDENTAL RELEASE MEASURES

Accidental release would not normally occur with aerosols, however if a can or cans were leaking then ensure good ventilation and that all sources of ignition are removed.

## 7. HANDLING & STORAGE

Avoid contact with skin and eyes. . Do not spray near naked flames, incandescent surfaces or other sources of ignition. Keep away from sources of ignition - do not smoke. Keep out of reach of children. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

Store upright in original closed containers in a cool place.

## 8. 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 impervious bib or apron

**Respiration :** Personal protective equipment should only be considered where product containment or extract ventilation are impracticable, or for use in an emergency.

**WEL :** Butane (as propellant)  
W.E.L. 1810 mg/cu.m 15 min ref time  
W.E.L. 1450 mg/cu.m 8 hour TWA

ref. HSE publication EH40

Sodium Hydroxide: W.E.L. 2 mg/cu.m 15 min ref time

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance :** Uncoloured aerosol  
**Odour :** Characteristic  
**Solubility :** Fully miscible in water.

## 10. STABILITY & REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Direct contact can damage the eye by freezing,  
**Skin :** Direct contact can damage skin by freezing  
**Inhalation :** Severe irritant - Inhalation of spray mists will cause irritation of the respiratory tract  
**Ingestion :** Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13. 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 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. **European waste catalogue 16 05 04** Gases in containers (including halons) containing dangerous substances.

## 14. TRANSPORT INFORMATION

**EEC Regulation :** AEROSOLS, UN1950, Class 2, Hazchem - None  
**IMDG/UN :** Aerosols, UN1950, Class 2, PG - None  
**RID/ADR :** Class 2, Item 5<sup>o</sup>A  
**ICAO/IATA :** Passenger Aircraft: 203, Y203  
Cargo Aircraft: 203  
Aerosols, NOS, UN1950, Class 2, PG - None

## 15. REGULATORY INFORMATION

**Hazard symbol :** C, CORROSIVE, Contains Sodium Hydroxide  
F+, EXTREMELY FLAMMABLE, Contains butane  
**Risk phrases :** R12 Extremely flammable  
R34 Causes burns  
**Safety phrases :** S9 Keep container in a well-ventilated place  
S23 Do not breathe spray  
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)  
S51 Use only in well-ventilated areas

## 16. OTHER INFORMATION

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

Internal Reference:- MSDS4589-01(16-Oct-2003), 697840/005(17-Sep-2003)

**Text of risk phrases associated with ingredients in section 2.**

R35 Causes severe burns.