SAFETY DATA SHEET

according to 1907/2006/EC

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

JohnsonDiversey

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Clearance Code

Mr. MUSCLE OVEN & GRILL FOAM
Professional kitchen hygiene product

Product Code
MSDS4589

TO :

2. HAZARDS IDENTIFICATION

Corrosive - causes burns
Extremely flammable.
This product contains a material with an WEL published in HSE document EH40.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
1310-73-2	215-185-5	Sodium Hydroxide (WEL)	C: R35	(<5%)
106-97-8	203-448-7	Butane (WEL)	F: R13	(<5%)
74-98-6	200-827-9	Propane liquefied (WEL)	F+: R12	(<5%)

Ingredients according to EC 648/2004:
Less than 5% : Aliphatic hydrocarbons, Anionic surfactants
Perfumes, Limonene

Full text of risk phrases are given in section 16.

4. 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. Obtain medical attention if symptoms develop.

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

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. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing including gloves and eye/face protection. 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, eyes and clothing. Wear suitable gloves and eye/face protection. Always ensure good ventilation when using this product. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 ^{o}C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

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

WEL : Butane (as propellant) **ref. HSE publication EH40**
W.E.L. 1810 mg/cu.m 15 min ref time
W.E.L. 1450 mg/cu.m 8 hour TWA

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

Reacts with acids. 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.
Corrosive - causes burns.

Skin : Direct contact can damage skin by freezing.
Corrosive - causes burns.

Inhalation : Severe irritant - Inhalation of spray mists will cause irritation of the respiratory tract.

Ingestion : Corrosive - 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. Disposal should be in accordance with local, state or national legislation. Disposal of empty aerosol containers with routine waste.

European waste catalogue 16 05 04 Gases in containers (including halons) containing dangerous substances.

14. TRANSPORT INFORMATION

EEC Regulation : AEROSOLS, UN1950, Class 2.2+8

IMDG/UN : Aerosols, UN1950, Class 2.2+8

RID/ADR : Aerosols, UN1950, Class 2.2+8

ICAO/IATA : Passenger Aircraft: 203, Y203
Cargo Aircraft: 203

15. REGULATORY INFORMATION

Hazard symbol : C, CORROSIVE, Contains Sodium Hydroxide
F+, EXTREMELY FLAMMABLE

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:- MSDS4589-02 (27-Jun-2005), 697840/005 (17-Sep-2003)

Text of risk phrases associated with ingredients in section 3.
R35 Causes severe burns.
Change made to section 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14 and 16.