

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 SINK & PLUGHOLE
Professional cleaning/maintenance product for building care

Product
Code

685420

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
7681-52-9	231-668-3	Sodium Hypochlorite	C: R31-34	(15-30%)
3332-27-2	222-059-3	Amine Oxide	Xi, N: R38-41-50	(<5%)
1310-73-2	215-185-5	Sodium Hydroxide (OES)	C: R35	(<5%)

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

3. HAZARDS IDENTIFICATION

Corrosive - causes burns.

This product contains a material with an OES/MEL 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. 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.

5. 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. 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 full protective clothing including gloves and eye/face protection. Hose away with plenty of water diluting to at least 1% w/v (10 g/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 to a licensed waste management company.

7. HANDLING & STORAGE

Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. 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 out of direct sunlight, ensuring that the vents remain effective.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hand :	Use gloves resistant to Sodium Hypochlorite.
Eyes :	When handling neat product wear eye/face protection to EN 166.
Skin :	Wear impervious bib or apron.
Respiration :	Respiratory protection should normally be achieved through product containment, extract ventilation or other suitable engineering techniques.

OES/MEL : Sodium Hydroxide: O.E.S. 2 mg/cu.m 15 min ref time

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear straw coloured liquid	Odour :	Characteristic
pH :	12.0 - 13.0	Solubility :	Fully miscible in water.
Density :	1.12 g/cm ³	Other :	Viscosity dynamic: 1350 cps

10. STABILITY & REACTIVITY

Keep away from acids. Contact with acids liberates chlorine. Hazardous decomposition products may include chlorine. Keep away from heat. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

Eyes :	Corrosive - causes burns
Skin :	Corrosive - causes burns
Inhalation :	Corrosive. May cause pulmonary oedema. May cause bronchospasm in chlorine sensitive individuals
Ingestion :	Corrosive. Harmful. Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542:
5% to 15% : Chlorine based bleaching agents.
Less than 5% : Nonionic surfactants.
Less than 5% : Soap.

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 wear suitable gloves and eye/face protection. 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 facilities exist or dispose of as commercial waste.

European waste catalogue 20 01 15 Alkalines

14. TRANSPORT INFORMATION

EEC Regulation :	C, CORROSIVE, Corrosive Liquids, Basic, Inorganic, NOS, (Sodium Hydroxide & Hypochlorite), UN3266, Hazchem 2X
IMDG/UN :	Corrosive Liquids, Basic, Inorganic, NOS, (Sodium Hydroxide & Hypochlorite), UN3266, Class 8, PG II
RID/ADR :	Class 8, Item 47(b)
ICAO/IATA :	Passenger Aircraft: 808, Y808 Cargo Aircraft: 812

15. REGULATORY INFORMATION

Hazard symbol :	C, CORROSIVE, Contains Hypochlorite & Sodium Hydroxide
Risk phrases :	R34 Causes 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.

16. OTHER INFORMATION

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

Internal Reference:- MSDS 03-Sep-1999 - Mr. Muscle Sink & Plughole

Text of risk phrases associated with ingredients in section 2.

R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R35	Causes severe burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
