

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

58043 - 58045

18/01/07

DOMESTOS REGULAR

1. IDENTIFICATION OF CHEMICAL

Name of product: Domestos Regular Bleach

Stock Code/s: 58043 to 58045

Applications: Bleach and Disinfectant

Manufacturer: JohnsonDiversey UK Ltd, Weston Favell Centre,
Northampton, NN3 8PD
Tel 01604 405311 Fax 01604 406809
Out of hours emergencies 01604 401273

Distributor: John Astley & Sons Ltd,
Renown Avenue,
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Coventry, CV5 6UF
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

2. COMPOSITION

Name	EINECS No.	CAS-No.	Content	Classification *
Amines, C ₁₂₋₁₈ -alkyldimethyl, N-oxides	273-281-2	68955-55-5	< 5%	Xi, N: R38, 41, 50
Sodium Hydroxide (OES)	215-185-5	1310-73-2	< 5%	C: R35
Sodium hypochlorite:	231-668-3	7681-52-9	< 5%	C; R31, 34

* For the full text for all Risk phrases see section 16

3. HAZARDS IDENTIFICATION

Health hazards: Irritating to the skin and eyes. Contact with acids liberates toxic gas (chlorine). This product contains a material with an OES/MEL published in HSE document EH40.

4. FIRST AID MEASURES

Eyes: Rinse immediately with plenty of water, holding the eyelids open and seek medical advice if effects persist.

Inhalation: Remove from source of exposure.

Skin: Wash thoroughly with soap and water.

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

Extinguishing Media: Product is non-flammable and compatible with water, foam, carbon dioxide and dry powder extinguishers.
Suitable extinguishing media for the surrounding fire should be used.
May evolve toxic fumes if involved in a fire.
Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 for personal protection details.

Environmental precautions: Do not allow product to enter watercourses or contaminate vegetation.

Clean-up procedures: In the event of spillage use appropriate containment to avoid environmental contamination. Take up with inert absorbing material. Place in suitable clean, dry containers for disposal by approved methods.
Mop up bulk and dilute remainder to foul drain with plenty of water, diluting to at least 5%. Treat large spillages as industrial waste.

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7. HANDLING AND STORAGE

- Handling requirements:** Keep away from acids. Do not mix with any other chemicals.
Wear suitable personal protective equipment, as detailed in section 8.
Avoid contact with skin and eyes.
Avoid inhalation of high concentrations of mist.
- Storage conditions:** Store upright in cool, well-ventilated area out of direct sunlight, ensuring that the vents remain effective. Protect from extremes of temperature.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection:** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Hand protection:** Use gloves resistant to Sodium Hypochlorite.
- Eye protection:** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Skin protection:** Not required under normal circumstances.
If major exposure is possible, wear suitable protective clothing.
- Hygiene Measures:** When using do not eat, drink or smoke.
Wash promptly if skin becomes wet or contaminated.

Information should be confirmed by workplace assessment.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Clear pale yellow liquid
- Odour:** Chlorine-like
- pH:** 12.5 typical
- Density:** 1.078 g/cm³
- Solubility in water:** Fully miscible in water

10. STABILITY AND REACTIVITY

- Stability:** Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.
- Avoid:** Excessively high temperatures or humidity. Keep away from acids.
Contact with acids liberates chlorine.
Hazardous decomposition products may include chlorine.

11. TOXICOLOGICAL INFORMATION

- Eyes:** Irritant
- Skin:** Irritant
- Inhalation:** Irritant. May cause bronchospasm in chlorine sensitive individuals.
- Ingestion:** Irritant

12. ECOLOGICAL INFORMATION

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

Ingredients according to

- EC 89/542:** Chlorine based bleaching agents: Less than 5%
Nonionic surfactants: Less than 5%

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13. DISPOSAL CONSIDERATIONS

Methods of disposal: This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996.

Small quantities: Wear suitable gloves and eye/face protection.
Dilute with water to at least 5% w/v (50 g/litre) and pour down a wastewater drain (foul sewer).

Large quantities: contact a licensed waste management company.
Dispose of according to local authority regulations.

Disposal of packaging: Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste.

European waste catalogue 20 01 29 Detergents containing dangerous substances

14. TRANSPORT INFORMATION

EEC Regulation: Not regulated

15. REGULATORY INFORMATION

Hazard symbol: Xi, Irritant

Risk phrases: R-31 Contact with acids liberates toxic gas.
R-36/38 Irritating to eyes and skin.

Safety phrases: S-2 Keep out of reach of children.
S-25 Avoid contact with eyes
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-46 If swallowed, seek medical advice immediately and show this container or label.
S-50 Do not mix with acids or other cleaners as this could give rise to dangerous fumes (Chlorine)

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.

Text of risk phrases listed in section 2.

R-31 Contact with acids liberates toxic gas.
R-34 Causes burns.
R-35 Causes severe burns.
R-38 Irritating to skin.
R-41 Risk of serious damage to eyes.
R-50 Very toxic to aquatic organisms.

DISCLAIMER

This information relates only to the specific material designated. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use.

Issued 18th July 2003

Revision No.-