Revision Date 11/04/2013

Revision 3

Supersedes date 19/09/2012

# SAFETY DATA SHEET
# 5L SUPER MULTI SURFACE CLEANER WITH BLEACH

According to Regulation (EU) No 453/2010

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

| | |
|---|---|
| Product name | 5L SUPER MULTI SURFACE CLEANER WITH BLEACH |
| Product No. | 800-222-0001 |
| Container size | 2 x 5 litres |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| Identified uses | Washing and cleaning. Disinfectant. |

### 1.3. Details of the supplier of the safety data sheet

| | |
|---|---|
| Supplier | COVENTRY CHEMICALS LTD<br>WOODHAMS RD<br>SISKIN DRIVE<br>COVENTRY<br>CV3 4FX<br>Tel: +44 (0) 02476639739<br>Fax: +44 (0) 02476639717<br>Email: sales@coventrychemicals.com |
| Contact Person | For content of safety data sheet: sds@coventrychemicals.com |

### 1.4. Emergency telephone number

+44 (0) 1865407333

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

| | |
|---|---|
| Classification (1999/45/EEC) | Xi;R36/38. R31. |

### 2.2. Label elements

Labelling



Irritant

Risk Phrases

| | |
|---|---|
| R31 | Contact with acids liberates toxic gas. |
| R36/38 | Irritating to eyes and skin. |

Safety Phrases

| | |
|---|---|
| S2 | Keep out of the reach of children. |
| S24/25 | Avoid contact with skin and eyes. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S37 | Wear suitable gloves. |

### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

| SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE | | 1-2.5% |
|---|---|---|
| CAS-No.: 7681-52-9 | EC No.: 231-668-3 | Registration Number: 01-2119488154-34-XXXX |

| Classification (EC 1272/2008) | Classification (67/548/EEC) |
|---|---|
| EUH031 | C;R34 |
| Skin Corr. 1B - H314 | R31 |
| Aquatic Acute 1 - H400 | N;R50 |

| SODIUM ALKYL C10-16 ETHER SULPHATE | | 1-2.5% |
|---|---|---|
| CAS-No.: 68585-34-2 | EC No.: | |

| Classification (EC 1272/2008) | Classification (67/548/EEC) |
|---|---|
| Skin Irrit. 2 - H315 | Xi;R38,R41. |
| Eye Dam. 1 - H318 | |

| LAURAMINE OXIDE | | 1-2.5% |
|---|---|---|
| CAS-No.: 1643-20-5 | EC No.: | |

| Classification (EC 1272/2008) | Classification (67/548/EEC) |
|---|---|
| Skin Irrit. 2 - H315 | Xi;R38,R41. |
| Eye Dam. 1 - H318 | |

| SODIUM HYDROXIDE | | < 1% |
|---|---|---|
| CAS-No.: 1310-73-2 | EC No.: 215-185-5 | Registration Number: 01-2119457892-27-XXXX |

| Classification (EC 1272/2008) | Classification (67/548/EEC) |
|---|---|
| Skin Corr. 1A - H314 | C;R35 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

### 4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Skin irritation. Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating and may cause redness and pain.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Chlorine. Hydrogen chloride (HCl). Oxides of: Chlorine.

### 5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Provide good ventilation. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Avoid contact with acids and other cleaning agents.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Store away from: Acids.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

| Name | STD | TWA - 8 Hrs | | STEL - 15 Min | | Notes |
|---|---|---|---|---|---|---|
| SODIUM HYDROXIDE | WEL | | | | 2 mg/m3 | |

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

Protective equipment





Engineering measures

Provide adequate ventilation.

Respiratory equipment

Respiratory protection not required.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. Neoprene, nitrile, polyethylene or PVC. EN 388

Eye protection

Use approved safety goggles or face shield. EN 166

Other Protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Environmental Exposure Controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Appearance | Liquid |
| Colour | Yellow. |
| Odour | Faintly of chlorine. |
| Solubility | Soluble in water. |

Initial boiling point and boiling range

Not applicable.

Melting point (°C)

Not applicable.

Relative density 1.075 typical @ 20°C

Bulk Density

Not applicable.

Vapour density (air=1)

Not determined.

Vapour pressure

Not determined.

Evaporation rate

Not determined.

Evaporation Factor

Not applicable.

pH-Value, Conc. Solution 13.3 typically

Viscosity

Not determined.

Solubility Value (G/100G H2O@20°C)

Not applicable.

Decomposition temperature (°C)

Not applicable.

Odour Threshold, Lower

Not applicable.

Odour Threshold, Upper

Not applicable.

Flash point

Not applicable.

Auto Ignition Temperature (°C)

Not applicable.

Explosive properties

Not applicable

Oxidising properties

Not applicable.

Comments Information given concerns the concentrated solution.

### 9.2. Other information

Not relevant

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic chlorine gas.

### 10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

Materials To Avoid

Acids. Ammonium compounds. Organic materials. Metals, particularly copper, nickel and iron.

### 10.6. Hazardous decomposition products

Chlorine. Chlorine oxides. Hydrogen chloride (HCl). During fire, toxic gases (CO, CO2) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Other Health Effects

This substance has no evidence of carcinogenic properties.

General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Ingestion

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin contact

Irritating to skin. Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating and may cause redness and pain.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

### 12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

### 12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

Mobility:

The product is water soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

General information

Do not discharge into drains, water courses or onto the ground.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable. Wash out containers with water before disposal.

## SECTION 14: TRANSPORT INFORMATION

| | |
|---|---|
| Road Transport Notes | Not Classified |
| Rail Transport Notes | Not classified. |
| Sea Transport Notes | Not classified. |
| Air Transport Notes | Not classified. |

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). COSHH Essentials.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006,

### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment (CSA) has been completed for Sodium hydroxide. Sodium hypochlorite.

## SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

| | |
|---|---|
| Revision Date | 11/04/2013 |
| Revision | 3 |
| Supersedes date | 19/09/2012 |

| Risk Phrases In Full | |
|---|---|
| R34 | Causes burns. |
| R35 | Causes severe burns. |
| R31 | Contact with acids liberates toxic gas. |
| R36/38 | Irritating to eyes and skin. |
| R38 | Irritating to skin. |
| R41 | Risk of serious damage to eyes. |
| R50 | Very toxic to aquatic organisms. |
| Hazard Statements In Full | |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| EUH031 | Contact with acids liberates toxic gas. |
| H400 | Very toxic to aquatic life. |

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. 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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.