

SAFETY DATA SHEET



ISSUE DATE: **25.08.11** ISSUE NUMBER: **1**

MSDS Code: **sub# 47338** SAP Code: **56011979**

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial Name

Product Type ASDA Dishwasher Cleaner

Other Means of Identification

Intended / Recommended Use For the cleaning of dishwasher.

| | | |
|------------------------------|--|---|
| Name and Address of Supplier | Robert McBride Ltd. Middleton Way Middleton Manchester M24 4DP | Emergency Contact Details Robert McBride Ltd. Middleton Manchester |
| Telephone | 0161 653 9037 | 0161 653 9037 |
| Fax | 0161 655 2377 | |
| website | www.detergentinfo.com | |

2. HAZARD IDENTIFICATION

Prolonged or repeated exposure to the skin may lead to irritation.

If product comes into contact with eyes may cause moderate to severe irritation.

If ingested the product may lead to irritation of the mouth and upper digestive tract. If significant quantities (>50ml) are ingested, then nausea and vomiting may occur.

Under the Chemical Hazard, Information and Packaging Regulations (CHIP 4.0) 2009 this product is classified as **Irritating to eyes (Xi R36)**

3. COMPOSITION / INFORMATION ON INGREDIENTS

| NAME | RANGE | EINECS | CAS | OEL | CLASSIFICATION |
|------------------------------|---------|-----------|--------------------------|-----|----------------|
| Sodium Cumeme Sulphonate | 1 - 10% | 250-913-5 | 28343-52-0 32073-22-6 | - | Xi R36 |
| Citric Acid | 1 - 10% | 201-069-1 | 77-92-9 5949-29-1 | - | Xi R36 |
| Alcohol Ethoxylate Proxylate | 1 - 10% | - | 68439-51-0 | - | Xi R38, N R50 |

4. FIRST AID MEASURES

EYE Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical advice if redness or irritation persists.

SKIN Wash the skin with plenty of clean water.

INGESTION Wash out mouth with water. Do not induce vomiting. Obtain medical advice.

INHALATION Product is a liquid, as such inhalation is not a likely route of exposure.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHERS: Dry powder, foam, carbon dioxide and water mist.

EXTINGUISHERS NOT TO BE USED: DO NOT USE DIRECT WATER SPRAY.

SPECIAL EQUIPMENT: In case of fire of large quantities of product, self contained breathing apparatus should be worn.

HAZARDOUS COMBUSTION PRODUCT: Fumes containing carbon dioxide, carbon monoxide may be found in large fires.

EXPOSURE HAZARDS: Carbon dioxide and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes. Avoid repeated or prolonged contact with skin. Keep out of the reach of children. Care should be taken as spillage of products will make floors and surfaces slippery.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge of large volumes into water courses.

METHODS FOR CLEANING UP: Contain the spilled liquid with sand or an inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Maintain good occupational and personal hygiene. Avoid all contact with undiluted product. Wash skin thoroughly if contact occurs.

STORAGE: Store in original container in a cool place. Keep out of the reach of children. Use only as directed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Respiratory Protection: None required during normal use.
Hand Protection: None required during normal use. Avoid prolonged or repeated contact.
Eye Protection: None required during normal use.
Skin Protection: None required during normal use. Avoid prolonged or repeated contact.

OCCUPATIONAL EXPOSURE LIMITS: None assigned for this product.

ENVIRONMENTAL EXPOSURE CONTROLS: Not required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | | |
|--------------------------|-----------------------|-------------------|-------------------------|--------------------|
| Commercial Name: | MSDS Code | Appearance: | pH: 10% | Odour: |
| Dishwasher Cleaner | Not Applicable | A Blue Liquid | 1.5 - 2.0 | A Perfumed Liquid |
| Oxidising Properties: | Explosive Properties: | Evaporation Rate: | Boiling Point / Range | |
| Not Applicable | Not Applicable | Not Applicable | Not Applicable | |
| Flammability (Solid/Gas) | Relative Density: | Vapour Density: | Vapour Pressure: | |
| Not Applicable | Not Applicable | Not Applicable | Not Applicable | |
| Flash Point: | Solubility: | Viscosity | Partition Co-efficient: | Other Information: |
| N / A | N / A | 120 - 170 | Not Applicable | Not Applicable |

10. STABILITY AND REACTIVITY

Conditions to avoid: Extreme temperatures.

11. TOXICOLOGICAL INFORMATION

EYE: May cause irritation if product comes into contact with eye.
SKIN: Frequent or prolonged contact may lead to irritation and defatting of skin.
INGESTION: Low toxicity. May cause local irritation of the mouth and upper digestive tract.
Ingestion of significant quantities of the undiluted product (>50ml) is likely to lead to nausea and vomiting.
INHALATION: Low risk. Vapour concentrations may be irritating to the respiratory tract.

12. ECOLOGICAL INFORMATION

The surfactants contained in this product 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 state. The other components of this product are either inert or are absorbed onto sewage and sediments etc., or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

Product packaging may be recycled where facilities are available.

13. DISPOSAL CONSIDERATIONS

Contents:

Under conditions of expected use the product will be disposed of at the end of its life into the normal domestic refuse system.
No adverse effects are expected.
Large quantities should be disposed of in accordance with local regulations.

Empty Containers:

Dispose of in accordance with local regulations.
Product packaging may be recycled where facilities are available.

14. TRANSPORT INFORMATION

Not registered as hazardous for transportation purposes.

15. REGULATORY INFORMATION

Under the Chemical Hazard, Information and Packaging Regulations (CHIP4.0) 2009 this product is classified as **Irritating to eyes (Xi R36)** and will require the following statutory labelling on pack:

St Andrew's Cross followed by the word 'IRRITANT'



Irritant

| | | |
|----|-----|---|
| Xi | R36 | Irritating to eyes and skin. Contains citric acid |
| | S2 | Keep out of the reach of children |
| | S25 | Avoid contact with skin and eyes |
| | S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| | S46 | If swallowed, seek medical advice immediately and show this container or label. |

The fragrance in this product contains materials that must be declared on the product label under the requirements of Regulations 648/2004/EC on Detergents. These are as follows:

Benzyl Alcohol

16. Other Information.

For Information :

R36 Irritating to eyes.
R38 Irritating to skin.
R50 Very toxic to aquatic organisms.

A.I.S.E Recommended Phrases



Keep away from children



Keep away from eyes. If product gets into eyes rinse thoroughly with water



Rinse and dry hands after use



People with sensitive or damaged skin should avoid prolonged contact with the product



Do not ingest. If product is ingested then seek medical advice

PGS recommended Phrases:

None

For further ingredient information, please access the following website www.detergentinfo.com.

Medical personnel may request a medical datasheet under Regulation 648/2004/EC from the manufacturer as detailed in section 1.

Disclaimer:

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. Robert McBride Limited will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation.

Revision Date:

Mar-10

Previous Revision Date(s):

N/A

Reason for and Description of Changes:

New