

# SAFETY DATA SHEET

ISSUE DATE:  ISSUE NUMBER:

MSDS Code:  SAP Code:



## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial Name **Limelite Multi-Appliance Descaler**

Product Type Appliance Descaler

Other Means of Identification

Intended / Recommended Use For the removal of Limescale from Appliances

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

## 2. HAZARD IDENTIFICATION

Prolonged or repeated exposure to skin will lead to irritation.

If product comes into contact with eyes will cause moderate irritation.

If inhaled may cause slight irritation of the nasal mucosa and respiratory tract.

If ingested, the product may cause slight 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 and skin (Xi R36 R38)

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	Range	EINECS	CAS	OEL	Classification
Citric Acid	10-100%	201-069-1	77-92-9 5959-29-1	-	XI R36
Phosphoric acid	1-10%	231-633-2	7664-38-2	-	C R34 Xi R36/38

## 4. FIRST AID MEASURES

**EYE** Immediately wash the eye with plenty of water for at least 10 minute, 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 and sulphur dioxide may be found in large fires.

EXPOSURE HAZARDS: Carbon dioxide, carbon monoxide and sulphur dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes. Avoid repeated or prolonged contact with skin. Keep out of the reach of children and pets.

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

METHODS FOR CLEANING UP: Transfer used material to a suitable waste container and dispose in accordance with local regulations.

## 7. HANDLING AND STORAGE

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

STORAGE: Store in original container in a cool place. Keep out of the reach of children and pets. 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:	Odour:
Multi-Appliance Descaler	Not Applicable	A clear colourless liquid	N/A	Non perfumed
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	Water thin	Not Applicable	Not Applicable

## 10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under cool dry conditions.

Materials to avoid: Extremes of temperatures. Avoid mixing with other cleaning products and bleaches.

## 11. TOXICOLOGICAL INFORMATION

EYE: May cause moderate irritation if product comes into contact with eyes.

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.  
This may result in nausea or vomiting.

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

## 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 (CHIP 4.0) 2009 this product is classified as IRRITATING TO EYES AND SKIN (Xi R36 R38)

**St Andrew's Cross followed by the word Irritant.**

Contains Citric Acid  
Contains Phosphoric Acid

<b>R36/38</b>	<b>Irritating to eyes and skin.</b>
<b>S2</b>	<b>Keep out of the reach of children.</b>
<b>S24/25</b>	<b>Avoid contact with skin and eyes.</b>
<b>S26</b>	<b>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</b>
<b>S46</b>	<b>If swallowed, seek medical advice immediately and show this container or label.</b>

**This product does not require any additional ingredient declaration under Regulation EC 648/2004/EC on detergents.**

## 16. Other Information.

**For information :**

<b>R34</b>	Causes burns
<b>R36</b>	Irritating to eyes
<b>R38</b>	Irritating to skin

**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



Do not mix with other products

#### PSG Recommended Phrases:

**Please Note: No PSg recommended phrases are required providing AISE Icons/Phrases are used. If AISE icons are not being used, phrases are recommended by PSG as Best Practices for safe product handling.**

**Consumers should be advised to always follow instructions for use.**

For further ingredient information, please access the following website [www.detergentinfo.com](http://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:

**Nov-09**

Previous Revision Date(s):

**n/a**

Reason for and Description of Changes:

**NEW**

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