

SAFETY DATA SHEET



ISSUE DATE: 24/05/2013 ISSUE NUMBER: 1

MSDS Code: U6S (44890) SAP Code: 56010650

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial Name **Lemon 5 in 1 Machine Dishwash Tablet**

Product Type Standard Machine Dishwash Tablets.

Other Means of Identification

Intended / Recommended Use For the cleaning dishes in an automatic dishwasher machine.

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2. HAZARDS IDENTIFICATION

Under the Chemical Hazard, Information and Packaging Regulations (CHIP3.2) 2007 this product is classified as **irritating to eyes (Xi R36)**.

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

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

If ingested, the product will cause irritation of the mouth and upper digestive tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>WEL</u>	<u>CLASSIFICATION</u>
Sodium Carbonate	10 - 100%	207-838-8	497-19-8	-	Xi R36
Sodium Percarbonate	1 - 10%	239-707-6	15630-89-4	-	Xn R22, R41, O R8
Sodium Silicate	1 -10%	215-687-4	1344-09-8	-	Xi R36 R37 R38

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 skin thoroughly with soap and water.

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

INHALATION Unlikely as there are only a very small proportion of respirable particles.

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: None expected.

EXPOSURE HAZARDS: None expected.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes. Avoid repeated or prolonged contact with skin.

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

METHODS FOR CLEANING UP: Avoid dust formation. Vacuum up powder. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Avoid all contact with tablets, especially if have inflamed or damaged skin. Wash hands with soap and water after use. Do not break or crush the tablets.

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:	Odour:
	U6S (44890)	White tablet with green speckles	11.2	Perfumed
Oxidising Properties:	Explosive Properties:	Evaporation Rate:	Boiling Point / Range	
Flammability (Solid/Gas)	Relative Density:	Vapour Density:	Vapour Pressure:	
Flash Point:	Solubility:	Viscosity	Partition Co-efficient:	Other Information:

10. STABILITY AND REACTIVITY

Conditions to avoid: Extreme temperatures.

11. TOXICOLOGICAL INFORMATION

EYE: Will cause irritation if product comes into contact with eye.
SKIN: Frequent or prolonged contact will lead to irritation.
INGESTION: Low toxicity. May cause local irritation of the mouth and upper digestive tract.
INHALATION: Inhalation of the dust may cause irritation of the nose and upper respiratory tract.
Inhalation exposure to a product of this type is unlikely since there is a very small proportion of respirable particles.

12. ECOLOGICAL INFORMATION

The surfactants contained in this the 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 states. 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. Under the conditions of expected use, a solution of the product is unlikely to cause any detrimental effects to the sewage treatment system. The organic components will degrade into materials which are environmentally acceptable. This product contains phosphate. It should be noted that the release of phosphates into the environment has been implicated in the aetiology of eutrophication, particularly in slow moving or static water systems.

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 (CHIP3) 2002 this product is classified as **irritating to eyes (Xi R36)**

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

R36 Irritating to eyes
S2 Keep out of reach of children
S25 Avoid contact with 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.

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

16. Other Information.

For Information:

R8	Contact with combustible material may cause fire
R22	Harmful if swallowed
R36	Irritating to eyes
R37	Irritating to respiratory system
R38	Irritating to skin
R41	Risk of serious damage to eyes

A.I.S.E Recommended Phrases:

The following icons are recommended as best practice to illustrate the DPD / CHIP Classification. They should be placed in a panel below the CHIP Panel. Refer to full PSA documentation for 43100 for recommendations on how to depict on pack.



PSG Recommended Phrases:

Customers should be advised not to break or crush tablets.

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:

Previous Revision Date(s):

Reason for and Description of Changes: