Product Name: **Aquarius – blue laundry powder**

STATEMENT OF HAZARDOUS NATURE: Non-Hazardous according to criteria of Worksafe Australia.

PRODUCT IDENTIFICATION

UN No:	Not required	Spec. E.P.G.:	N/A
HAZCHEM:	Not required	Packaging Group:	N/A
Harmoniz:	3402.11	D.G. Class:	Non hazardous
Sub risk:	N/A	CAS No.:	N/A
Poison:	5	G.T. EPG:	N/A

USE: As general purpose fabric washing powder for commercial laundry operations.

INGREDIENTS:	**CAS No**	**PROPORTION**
Sodium carbonate	497-19-8	10-30%
Sodium metasilicate	6834-92-0	< 10%
Sodium tripolyphosphate	7758-29-4	< 10%
Sodium chloride	7647-14-5	30-60%
Sodium dodecylbenzene sulphonate	25155-30-0	< 10%
Lemon fragrance	non characterised	Trace
Ultramarine Blue pigment	127-69-9/ 57455-37-5	Trace
Coco diethanolamide	68440-04-0	< 1%

PHYSICAL DESCRIPTION / PROPERTIES:

Appearance:	A pale blue free flowing powder. Soluble in water to yield foaming solutions.
Melting Range:	> 350°C
Vapor Pressure:	< 0.1mm/Hg @ 20°C
Flash Point:	Non flammable
pH:	of 1% solution 12.0 ± 0.05 N/A: Not applicable.

HEALTH HAZARD INFORMATION

TOXICITY DATA: Oral LD50 Rat : 4000 mg/kg

IRRITATION DATA: Skin: Human: 2.5 gm/4 hours: Moderate

HEALTH EFFECTS:

SWALLOWED: May produce burning of esophagus and nausea due to alkaline nature.

EYES: May cause irritation and watering of the eyes.
Contamination of eyes may result in permanent eye damage.

SKIN: Contact with skin may result in irritation.
Prolonged skin contact may cause damage.

INHALED: Will result in respiratory irritation.
Dusts should be avoided as for any industrial chemicals.

CHRONIC EFFECTS: No known adverse chronic health effects, but unnecessary exposure to any chemical should be avoided. This product as with any chemical may enhance allergic conditions, but there are no known medical conditions which might be Aggravated by exposure to this product.

FIRST AID:

SWALLOWED: Give plenty of water or milk to drink.
Seek medical attention.

EYES: Immediately flush with copious quantity of water for at least 15 minutes.
Eyelids to be held open. Remove contaminated clothing and launder before re-use.
In all cases of eye contamination it is a wise precaution to seek medical advice.

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Material Safety Data Sheet

Lepanto Group

Product Name: **Aquarius – blue laundry powder**

First Aid Cont.:

SKIN:	Remove contaminated clothing and wash skin thoroughly. Wash contaminated clothing before re-use.
INHALED:	Remove victim from exposure. If necessary seek medical advice.
ADVICE TO DOCTOR:	Irrigate injured areas with 1% acetic acid to neutralize alkali. Treat symptomatically.
POISONS INFORMATION CENTRE:	Phone: Australia 13 1126 New Zealand 03 4747000.

PRECAUTIONS FOR USE

EXPOSURE LIMITS:	No threshold Limit Value assigned by the National Occupational Health and Safety Commission. (Work-safe Australia). Should be considered as a "Nuisance Particulate" TLV - 10 mg/m3 - Total dust.
ENGINEERING CONTROLS:	Should be used in a well ventilated area to avoid breathing dust.
PERSONAL PROTECTION:	Use good occupational work practice. Avoid skin and eye contact. If inhalation risk exists, wear approved dust mask. If handling solutions, use rubber or PVC gloves, chemical goggles or face mask. Always wash hands before eating, drinking, smoking or using the toilet.
FLAMMABILITY:	Non flammable.
ENVIRONMENT:	Not particularly harmful to the environment provided residues are neutralized before entering drains and/or waterways.
STORAGE & TRANSPORT:	This product is not considered as a Dangerous Good for the purpose of storage and transport. Keep containers closed to prevent absorption of water.
SPILLS & DISPOSAL:	Sweep up, but avoid generating dust. Collect and seal drums for disposal. Wash down areas with large quantity of water. Product is normally suitable for disposal at approved land waste site.
FIRE/EXPLOSION HAZARD:	Nil hazard. Non-combustible. In case of fire in the surroundings, use the appropriate extinguishing method for the area.
REFERENCES:	LENGA Robt. E (Ed). "Safety" Library of Chemical Safety Data Sigma-Aldrich Corp. EdII 1988. BUDAVARI SUSAN (Ed) MERCK INDEX 11th Edition Merck & Company Inc. Rahlway N.J. USA. 1989.

The information contained herein is to the best of our knowledge correct and complete.
It is meant to describe safety requirements of this product and no warranty, express of implied is made as to its fitness for a particular purpose or any other nature as to the product to which it refers.

DATE REVISED: 2nd June 2005

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