

Product Name **LAUNDRY LIQUID THIN**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name RJS PRODUCTS PTY LTD
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Synonym(s) NOT APPLICABLE • PRODUCT CODE – 701
Use(s) LAUNDRY LIQUID FOR COMMERCIAL AND INDUSTRIAL USES THROUGH DISPENSING EQUIPMENT.
SDS Date 24 February 2010 v1
5 July 2012 v2

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA**NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE**

UN No. None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated
Packing Group None Allocated **Hazchem C**
ode None Allocated **EPG** None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
ALKYL BENZENE SULPHONIC ACID	Not Available	68584-22-5	1-10%
ETHYLENE GLYCOL MONOBUTYL ETHER	C6-H14-O2	111-71-6	1-10%
TRIETHANOLAMINE	Not Available	102-71-6	1-10%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases (hydrocarbons, carbon oxides) if strongly heated.

Fire and Explosion Non flammable. Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Non flammable. Prevent contamination of drains or waterways.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), contact emergency services where appropriate, wear goggles and PVC/rubber gloves, a type A (organic vapour) respirator (where an inhalation risk exists), coveralls and rubber boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar, collect and place in sealable containers for disposal.

7. STORAGE AND HANDLING

Storage Store in cool, dry, well ventilated area, removed from direct sunlight, oxidizing agents, acids and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds	2-Butoxyethanol (EGBE)	TWA: 20.0ppm	96.9mg/m ³	Ref: [ASCC(AUS)]
		STEL: 50.0ppm	242mg/m ³	Ref: [ASCC(AUS)]

Biological Limits No biological limit allocated.

Engineering Controls Ensure adequate natural ventilation.

PPE Wear splash-proof goggles and PVC or rubber gloves and coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	BLUE THIN LIQUID	Solubility (Water)	FREELY SOLUBLE
Odour	LAVENDER FRAGRANCE	Specific Gravity	1.02 - 1.06
Ph	9.0 – 10.0	Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NON FLAMMABLE

Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	100°C (Approximately)	Upper Explosion Limit	NOT RELEVANT
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to Avoid	Incompatible with oxidizing agents (eg. Hypochlorites, peroxides) and acids (e.g. nitric acid).
Decomposition	May evolve toxic gas if heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard	Low toxicity - low irritant. This product may only present a hazard with direct eye or with prolonged and repeated skin contact. Chronic or high level exposure to glycols may cause kidney or liver damage. Dilution considerably reduces the potential hazards.
Eye	Irritant. Contact may result in irritation, lacrimation, pain, redness, conjunctivitis.
Inhalation	Low to moderate irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.
Skin	Irritant. Prolonged or repeated contact may result in drying the skin, rash dermatitis.
Ingestion	Low to moderate toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.
Toxicity Data	ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) LC50(Inhalation):700ppm (mouse) LD50(Ingestion):300mg/kg (rabbit) LD50(skin):230mg/kg (guinea pig) TCLo(Inhalation):100ppm (human) TDLo(Ingestion):7813uL/kg(woman)

12. ECOLOGICAL INFORMATION

Environment	ATMOSPHERE: Vapour phase glycols are expected to degrade fairly rapidly by reaction with hydroxyl radicals. Removal from air by rainfall is possible. WATER: should degrade relatively rapidly via biodegradation. SOIL: if released to soil, relatively rapid biodegradation should also occur. Leaching to ground water may occur.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts, absorb with sand, vermiculite or similar and dispose to an approved landfill site. If bulk quantities are required to be disposed of, contact the manufacturer for additional information. Prevent contamination of drains or water ways as aquatic life may be threatened and environmental damage may result.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

Shipping Name	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
UN No.	None allocated	Hazchem Code	None Allocated	EPG	None Allocated
Packing Group	None Allocated				

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:

ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

End of Report**Prepared By**

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