



Material Safety Data Sheet

RED BARON

Infosafe™ 1JA1U Issue Date January 2012 Status ISSUED by BS: 1.11.6
No. JASOL

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name RED BARON

Product Code 179

Company Name JASOL AUSTRALIA

Address 41-45 TARNARD DRIVE BRAESIDE
VIC 3195

Emergency Tel. 1800 629953

Telephone/Fax Number Tel: 03 95805722
Fax: 03 95809902

Recommended Use Multi purpose cleaner. Normal usage: 1:50 - 1:100.

Other Names None Listed

Other Information N.Z.: 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.

Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia
Dangerous Goods Code.

Other Information LD50 Mixed surfactants: 1800-3400mg/kg oral, rat.
2-Butoxy ethanol: 530-3000mg/kg oral, rat

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical**Characterization** Liquid

Ingredients	Name	CAS	Proportion
	Water	7732-18-5	60-100 %
	2-Butoxyethanol	111-76-2	0-10 %
	Ingredients determined not to be hazardous		0-10 %
	Methylated spirits		0-20 %
	Non hazardous surfactants	Mixture	0-10 %

4. FIRST AID MEASURES

Inhalation	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.
Symptoms and Effects	No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products

Water vapour, carbon dioxide and oxides of sulphur and phosphorous. Incomplete combustion may generate carbon monoxide.

Specific Methods

In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.

Specific

Hazards Not a fire hazard. Not an explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

7. HANDLING AND STORAGE

Conditions for Safe Storage Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL	STEL	TWA	TWA	FootNote
		(mgm3)	(ppm)	(mgm3)	(ppm)	
	2-Butoxyethanol			121	25	
Other Exposure Information	Absorption of 2-butoxy ethanol through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.					
Engineering Controls	None for normal domestic use. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below TLV.					
Personal Protective Equipment	Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Goggles, face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Clear fluorescent red liquid with faint solvent odour.
Odour	Faint solvent odour.
Boiling Point	> 80C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.02
pH Value	12
Vapour Pressure	Not available.
Colour	Fluorescent red.
Flash Point	>61C
Flammability	Not flammable.

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

Inhalation	Vapour is irritant to mucous membranes and respiratory tract.
Ingestion	Harmful if swallowed. May burn throat and gastrointestinal tract. May cause gastric upset.
Skin	Will have a strong degreasing effect on the skin. May cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Can be absorbed through the skin with resultant toxic effects.
Eye	Moderate irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.
Chronic Effects	Evidence from animal tests with 2-butoxy ethanol indicate that repeated or prolonged exposure to this chemical could result in liver, kidney, blood and central nervous system disorders.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal Land fill, incineration, sewer (small quantities). Refer to Land

Waste Management Authority in your State.

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Contact Person/Point The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.
Contact Technical Manager in your state for more information.
24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE
W.A. 131 Garling Street, O'Connor WA 6163, Ph. (08) 9337 4844, Fx (08) 9314 1099
VIC. 41-45 Tarnard Drv, Braeside Vic 3195, Ph. (03) 9580 5722, Fx (03) 9580 9902
S.A. 29-43 Gum Avenue, Dry Creek SA 5094, Fx (08) 8208 0209
QLD. Unit 1/22 Eastern Service Rd, Stapylton QLD 4207, Ph (07) 3380 8100, Fx (07) 3380 8199
NSW. Building A, Level 1, 7-11 Talavera Road, North Ryde NSW 2113, Ph. (02) 9815 7300, Fx (02) 9805 0152
N.Z. 159 Marua Road, Ellerslie 1005, Ph (09) 571 4385, Fx (09) 571 4388
N.Z. 105 Rutherford Street, Christchurch, Ph (03) 384 4433, Fx (03) 384 4431

Signature of Preparer/Data Service Technical Manager
Tel. (08) 9337 4844

End of MSDS

(C) Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not

permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.

Print Date: 10/07/2012

BS: 1.11.6