

Infosafe No™	HXOPO	Issue Date :July 2007	ISSUED by RITTCO	CS: 1.4.22
--------------	-------	-----------------------	------------------	------------

Product Name : **RAIN-X WEATHERBEATER 2-IN-1 GLASS CLEANER PLUS RAIN REPELLENT**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	RAIN-X WEATHERBEATER 2-IN-1 GLASS CLEANER PLUS RAIN REPELLENT		
Product Code	5071268		
Company Name	RITTCO DISTRIBUTING		
Address	PO Box 23 Concord NSW 2137 Australia		
Emergency Tel.	13 11 16		
Recommended Use	Glass cleaner		
Other Names	<u>Name</u>	<u>Product Code</u>	
	RAIN-X WEATHERBEATER 2-IN-1 GLASS CLEANER · WEATHERBEATER 2-IN-1 GLASS CLEANER · GLASS CLEANER PLUS RAIN REPELLENT		

2. HAZARDS IDENTIFICATION

Hazard	HAZARDOUS SUBSTANCE.
Classification	NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
Risk Phrase(s)	R36 Irritating to eyes.
Safety Phrase(s)	S2 Keep out of reach of children. S21 When using, do not smoke. S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Ingredient	Formula	
Ingredients	ETHYLENE GLYCOL MONOBUTYL ETHER	C6-H14-O2	
	ISOPROPYL ALCOHOL	C3-H8-O	
	WATER	H2O	
	SURFACTANT	Not Available	
	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Water	7732-18-5	70-95 %
	Surfactant	Not available	<10 %
Isopropyl alcohol	67-63-0	<5 %	
Ethylene glycol monobutyl ether	111-76-2	1-5 %	

4. FIRST AID MEASURES

Inhalation	If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.
Skin	Gently flush affected areas with water. Seek medical attention if irritation develops.
Eye	Flush gently with running water for 15 minutes.
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, carbon dioxide or dry chemical. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
Specific Hazards	Combustible. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear

Infosafe No™	HXOPO	Issue Date :July 2007	ISSUED by RITTCO	CS: 1.4.22
--------------	-------	-----------------------	------------------	------------

Product Name : **RAIN-X WEATHERBEATER 2-IN-1 GLASS CLEANER PLUS RAIN REPELLENT**

Hazchem Code	full protective equipment (see spill above) including Self-Contained Breathing Apparatus (SCBA) when combating fire. None Allocated
---------------------	--

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	If spilt, mop up area and wash residue down with water. For large spills (bulk), wear goggles and PVC/rubber gloves, absorb with sand or similar, collect and place in sealed containers for disposal. Wash spill site down with water. Caution - spill site may be slippery.
------------------------------	---

7. HANDLING AND STORAGE

Precautions for Safe 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.
Conditions for Safe Storage	Store in cool, dry, well ventilated area, removed from direct sunlight and out of the reach of children, oxidising agents, alkalis, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Ingredient	Reference	TWA		STEL	
			ppm	mg/m ³	ppm	mg/m ³
Biological Limit Values	2-Butoxyethanol (EGBE)	NOHSC (AUS)	20	96.9	50	242
	ISOPROPYL ALCOHOL	NOHSC (AUS)	400	983	500	1230
	No biological limit allocated.					
Engineering Controls	Ensure adequate natural ventilation. Maintain vapour levels below the recommended exposure standard.					
Personal Protective Equipment	Personal Protective Equipment is not required under normal conditions of use. When using large quantities or where heavy contamination is likely, wear splash-proof goggles, rubber or PVC gloves and coveralls.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Odour	Isopropanol odour
Melting Point	Not available
Boiling Point	82°C
Solubility in Water	Soluble
Specific Gravity	0.99
pH Value	3 TO 4
Vapour Pressure	Not available
Vapour Density (Air=1)	> 1 (Air =1)
Evaporation Rate	Not available
Volatile Component	Not available
Flash Point	> 65.6°C
Flammability	Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Auto-Ignition Temperature	Not available
Explosion Limit - Upper	Not available
Explosion Limit - Lower	Not available

Infosafe No™	HXOPO	Issue Date :July 2007	ISSUED by RITTCO	CS: 1.4.22
--------------	-------	-----------------------	------------------	------------

Product Name : **RAIN-X WEATHERBEATER 2-IN-1 GLASS CLEANER PLUS RAIN REPELLENT**

10. STABILITY AND REACTIVITY

Incompatible Materials	Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. nitric acid) and alkalis (eg. hydroxides).
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Toxicity Data: ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) LC50 (Inhalation): 700 ppm (mouse) LD50 (Ingestion): 300 mg/kg (rabbit) LD50 (Skin): 230 mg/kg (guinea pig)
Health Hazard	ISOPROPYL ALCOHOL (67-63-0) Carcinogenicity: Not classifiable as to its carcinogenicity (IARC Group 3) LC50 (Inhalation): 16000 ppm/8 hours 16000/8 hours (rat) LD50 (Ingestion): 3600 mg/kg (mouse) LD50 (Skin): 12,800 mg/kg (rabbit)
Inhalation	Use safe work practices to avoid eye or prolonged skin contact and vapour or mist inhalation.
Ingestion	Over exposure may result in mucous membrane irritation of the nose and throat with coughing. At high levels; lower respiratory tract irritation, nausea, dizziness, headache and possible breathing difficulties.
Skin	Ingestion may result in gastrointestinal irritation, nausea and vomiting with large doses. Aspiration may result in chemical pneumonitis and pulmonary oedema.
Eye	Prolonged and repeated contact may result in drying and defatting of the skin with rash and dermatitis.
	Exposure may result in lacrimation, irritation, pain, redness, conjunctivitis and possible corneal burns with prolonged contact.

12. ECOLOGICAL INFORMATION

Ecological Information	Environment: Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.
-------------------------------	---

13. DISPOSAL CONSIDERATIONS

Waste Disposal	For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.
Local Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Information	NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
Sub.Risk	None Allocated
Hazchem Code	None Allocated
Packing Group	None Allocated

15. REGULATORY INFORMATION

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).
Poisons Schedule	Not Scheduled
Hazard Category	Irritant
AICS (Australia)	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

Infosafe No™ HXOPO	Issue Date : July 2007	ISSUED by RITTCO	CS: 1.4.22
--------------------	------------------------	------------------	------------

Product Name : **RAIN-X WEATHERBEATER 2-IN-1 GLASS CLEANER PLUS RAIN REPELLENT**

16. OTHER INFORMATION

Other Information**ABBREVIATIONS:**

ADB - Air-Dry Basis.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

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.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

TWA/ES - Time Weighted Average or Exposure Standard.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert 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.

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 Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Prepared By:

Risk Management Technologies

5 Ventnor Ave, West Perth

Western Australia 6005

Phone: +61 8 9322 1711

Fax: +61 8 9322 1794

Email: info@rmt.com.au

Web: www.rmt.com.au

This MSDS has been transcribed into Infosafe NOHSC format from an original issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

...End Of MSDS...

© 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 on this site is the intellectual property of Acohs Pty Ltd.

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

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

Copying of any MSDS displayed on this site is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed on this site cannot be