

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

 Product Name **RAIN-X THE INVISIBLE WINDSHIELD WIPER WIPES**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name RAIN-X THE INVISIBLE WINDSHIELD WIPER WIPES

Product Code RX11168, RX11164D

Company Name RITTCO DISTRIBUTING

Address PO Box 23 Concord
NSW 2137 Australia

Emergency Tel. 13 11 16

Recommended Use GLASS WIPES · WINDSHIELD TREATMENT

Other Names	<u>Name</u>	<u>Product Code</u>
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 RAIN-X INVISIBLE WINDSHIELD WIPER WIPES
· THE INVISIBLE WINDSHIELD WIPER WIPES

2. HAZARDS IDENTIFICATION

Hazard HAZARDOUS SUBSTANCE.

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

Risk Phrase(s) R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s) S16 Keep away from sources of ignition - No smoking.
S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.
S7 Keep container tightly closed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Ingredient	Formula
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Ethanol	C2-H6-O	
Isopropyl Alcohol	C3-H8-O	

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ethanol	64-17-5	75-95 %
	Isopropyl alcohol	67-63-0	1-10 %

4. FIRST AID MEASURES

Inhalation If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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. Ingestion is considered unlikely due to product form.

Skin Gently flush affected areas with water. Remove contaminated clothing. Ensure they are washed before re-use and seek medical attention.

Eye Flush gently with running water for 15 minutes. Holding the eyelids open. If irritation persists seek medical advise.

First Aid Facilities Eye wash facilities and safety shower should be available.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water fog or foam. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Specific Hazards Highly flammable. Evacuate area and contact emergency services. Toxic gases (carbon oxides, hydrocarbons) may be evolved when heated to decomposition; remain upwind and notify those downwind of potential hazard. Full protective equipment (see spill above) including self contained breathing apparatus must

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Hazchem Code be worn when combating fire. Use water fog to cool intact containers and nearby storage areas.
2Y

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Collect and reuse where possible.

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 removed from direct sunlight, heat & ignition sources and foodstuffs. Also store removed from aldehydes, halogens and concentrated mineral acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards		TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
	ETHANOL	1000	1880	--	--
	ISOPROPYL ALCOHOL	400	983	500	1230
Biological Limit Values	No biological limit allocated.				

Engineering Controls Ensure adequate natural ventilation. Maintain vapour levels below the recommended exposure standard.

Personal Protective Equipment Wear rubber gloves and safety glasses. When using large quantities or where heavy contamination is likely, wear splash-proof goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	TOWELETTE
Odour	ALCOHOLIC ODOUR
Melting Point	NOT AVAILABLE
Boiling Point	74°C
Solubility in Water	NOT AVAILABLE
Specific Gravity	0.81
pH Value	NOT AVAILABLE
Vapour Pressure	33 mm Hg @ 37.78°C
Vapour Density (Air=1)	> 1
Evaporation Rate	NOT AVAILABLE
Volatile Component	NOT AVAILABLE
Flash Point	13°C
Flammability	Highly flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones etc. when handling.
Auto-Ignition Temperature	NOT AVAILABLE
Explosion Limit - Upper	NOT AVAILABLE
Explosion Limit - Lower	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Incompatible Materials Compatible with most commonly used materials. Also incompatible with aldehydes, halogens and concentrated mineral acids.

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Hazardous Decomposition Products May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Toxicity Data:
ETHANOL (64-17-5)
LC50 (Inhalation): 2000 ppm/10 hours (rat)
LD50 (Ingestion): 3450 mg/kg (mouse)

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)

Health Hazard This product has the potential to cause adverse health effects with chronic over exposure. Use safe work practices to avoid eye or skin contact and over exposure via inhalation. Chronic over exposure may cause liver and kidney damage.

Inhalation Over exposure to mists or vapours may result in mucous membrane irritation of the nose and throat with coughing. Exposure to high vapour levels may cause nausea, dizziness and headache.

Ingestion Due to product form, ingestion is considered highly unlikely.

Skin Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

Eye Contact may result in irritation, lacrimation, pain and redness.

12. ECOLOGICAL INFORMATION

Ecological Information Environment:
If spilled on soil, ethanol will either evaporate or leach into the ground due to the relatively high vapour pressure and low adsorption in soil. It will biodegrade, probably to acetic acid and formaldehyde. Ethanol will volatilise from water and biodegrade, and is not expected to bioconcentrate. It will photodegrade in air with a half-life ranging from hours (polluted air) to days (clean air).

13. DISPOSAL CONSIDERATIONS

Waste Disposal No special precautions are required for the disposal of this product.

Local Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Information CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

U.N. Number 3175

Proper Shipping Name SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

DG Class 4.1

Sub.Risk None Allocated

Hazchem Code 2Y

Packaging Method 3.8.4.1

Packing Group II

EPG Number 4A1

IERG Number 20

15. REGULATORY INFORMATION

Regulatory Information Poison Schedule:
A poison schedule number has not been allocated to this product using the

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Poisons Schedule	criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). Not Scheduled
Hazard Category	Irritant, Highly Flammable
AICS (Australia)	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Other Information Additional Information:
EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

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.

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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.

Web: www.rmt.com.au

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