



# Material Safety Data Sheet

CS: 1.4.22

Infosafe No™ HX0Q4 Issue Date :June 2007 ISSUED by RITTCO CS: 1.4.22

Product Name : RAIN-X GLASS CLEANER TOWELETTES

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** RAIN-X GLASS CLEANER TOWELETTES  
**Product Code** RX68268, RX68030D  
**Company Name** RITTCO DISTRIBUTING  
**Address** PO Box 23 Concord  
 NSW 2137 Australia  
**Emergency Tel.** 13 11 16  
**Recommended Use** GLASS CLEANER · GLASS WIPES  
**Other Names** Name Product Code  
 RAIN-X GLASS CLEANER TOWELETTES

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** DANGEROUS GOODS.  
 NON-HAZARDOUS SUBSTANCE.  
 Dangerous goods classification according to the Australian Dangerous Goods Code.  
 Hazard classification according to the criteria of NOHSC.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Ingredient	Formula	
<b>Ingredients</b>	ISOPROPYL ALCOHOL	C3-H8-O	
	ADDITIVES	Not Available	
	WATER	H2O	
	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Isopropyl alcohol	67-63-0	<10 %
	Water	7732-18-5	Not Available
	ADDITIVES	Not Available	Not Available

## 4. FIRST AID MEASURES

**Inhalation** Exposure is considered unlikely. 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** Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. Absorb runoff with sand or similar.  
**Specific Hazards** Flammable. If product is present in a fire (bulk), toxic gases may be evolved. Remain upwind and notify those downwind of hazard. For large fires, wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.  
**Hazchem Code** 2Y

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Spillage is considered unlikely.

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## 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 a well ventilated area, removed from oxidising agents, alkalis and foodstuffs. Check regularly for leaks or spills. Also store removed from Aldehydes, halogens and mineral acids. Do not store at temperatures greater than 49°C. Do not reuse, pressurise, cut, heat or weld containers as they may contain hazardous residues. Protect from frost.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Ingredient	Reference	TWA		STEL	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
	ISOPROPYL ALCOHOL	NOHSC (AUS)	400	983	500	1230
<b>Biological Limit Values</b>	No biological limit allocated.					
<b>Engineering Controls</b>	Ensure adequate natural ventilation. Maintain vapour levels below the recommended exposure standard.					
<b>Personal Protective Equipment</b>	Wear rubber gloves and safety glasses. With prolonged use, wear neoprene or nitrile gloves.					

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear towelette
<b>Odour</b>	Isopropanol odour
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Not available
<b>Specific Gravity</b>	0.99
<b>pH Value</b>	3 to 4
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	> 1 (Air = 1)
<b>Evaporation Rate</b>	Not available
<b>Volatile Component</b>	Not available
<b>Flash Point</b>	53.9°C
<b>Flammability</b>	Flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition. Following evaporation of aqueous component, residue may burn if ignited.
<b>Auto-Ignition Temperature</b>	Not available
<b>Explosion Limit - Upper</b>	Not available
<b>Explosion Limit - Lower</b>	Not available

## 10. STABILITY AND REACTIVITY

**Incompatible Materials** Incompatible with oxidising agents (eg. hypochlorites, peroxides) and alkalis (eg. hydroxides). Also incompatible with aldehydes, halogens and concentrated mineral acids.

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

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## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Toxicity Data: 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)
<b>Health Hazard</b>	No adverse health effects are anticipated with normal use of this product. May cause skin sensitisation, although rare. Discontinue use if allergic reaction occurs.
<b>Inhalation</b>	Over exposure may result in mucous membrane irritation of the nose and throat with coughing, headache and nausea. At high levels in poorly ventilated areas dizziness and drowsiness may occur.
<b>Ingestion</b>	Ingestion from hand to mouth contamination may result in gastrointestinal irritation and nausea.
<b>Skin</b>	Prolonged and repeated contact with the skin may result in mild irritation. Potential sensitising agent.
<b>Eye</b>	Exposure may result in irritation, pain and redness.

## 12. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	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.
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## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	No special precautions are required for the disposal of this product.
<b>Local Legislation</b>	Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
<b>U.N. Number</b>	3175
<b>Proper Shipping Name</b>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
<b>DG Class</b>	4.1
<b>Sub.Risk</b>	None Allocated
<b>Hazchem Code</b>	2Y
<b>Packaging Method</b>	3.8.4.1
<b>Packing Group</b>	II
<b>EPG Number</b>	4A1
<b>IERG Number</b>	20

## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	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).
<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

<b>Other Information</b>	WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from
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static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

**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:**mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

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

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

**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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