

SAFETY DATA SHEET

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name: Unisol Crystal
Other Name: NA
Recommended Use: Glass & Chrome Cleaner
Company Identification: Arrow Hygiene
Address: 1D Quadrant Drive, Waiwhetu, Lower Hutt 5010
Emergency Telephone Number: IN AN EMERGENCY, DIAL 111 – FIRE or POLICE or AMBULANCE
National Poisons Information Centre: 0800 POISON (0800 764 766) 24 HOURS

Section 2: HAZARD IDENTIFICATION

Dangerous Goods: Not classified as a Dangerous Good under New Zealand transport legislation.
Signal word: DANGER
Hazardous Substance (HSNO): 6.3B – Causes mild skin irritation
6.4A – Causes serious eye irritation
9.1D – Harmful to aquatic life
9.3C – Harmful to terrestrial vertebrates
Prevention Statements: P102 Keep out of reach of children.
P103 Read label before use.
P104 Read safety data sheet before use.
P273 Avoid release to the environment.
P280 Wear protective gloves/clothing and eye/face protection.

Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Butyl Glycol Ether	111-76-2	<20%
Water	7732-18-5	>40%
Ammonia	1336-21-6	<2%

Section 4: FIRST AID MEASURES

First Aid Measures: Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
Inhalation: NA
Ingestion: Rinse mouth out with water. Drink a large amount of water or milk. Seek medical attention.
Skin: Wash area with water.
Eye: Immediately flush with running water for at least 15 minutes. Seek medical attention if irritation persists.
Advice to Doctor: No specific antidote. Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

Flammability: Non flammable
Hazardous Combustion Products: NA
Extinguishing Media: NA
Protective Equipment: NA

HAZCHEM Code: NA
Location Certificate: NA
Hazardous Atmosphere Zone: NA
Fire Extinguishers: NA

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Wear appropriate protective clothing.
Protective Clothing: For appropriate personal protective equipment see section 8.
Environmental Precaution: NA

Section 7: HANDLING AND STORAGE

Handling: Keep out of reach of children.
Storage: Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed.
Other Information: Always read the label before use. See label for further information on handling and storage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits: No exposure limits have been assigned for this product by OSHA
Protective Equipment: Rubber Gloves
Engineering Controls: Handle in well ventilated area.
Hygiene Precautions: NA

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue Liquid
Odour: Ammonia odour
Density: NA
Solubility in Water: Disperses in water
pH: 8.7
Other Information:

Section 10: STABILITY AND REACTIVITY

Stability: When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
Hazardous Polymerisation: Hazardous polymerisation will not occur
Materials to Avoid: NA

Section 11: TOXICOLOGICAL INFORMATION

ERMA Classification: NA
Inhalation: No adverse effects are to be expected. When applying this product
Ingestion: Concentrate is of low toxicity. Amounts as single exposure swallowed incidental to normal handling are unlikely to cause injury.
Skin: NA

Eye:	May cause eye irritation
Chronic Effects:	NA
Reproductive Toxicity:	Data indicates no reproductive effects
Mutagenicity:	No mutagenic or teratogenic effects expected
Carcinogenicity:	Based on the results of animal studies not considered to be carcinogenic to humans

Section 12: ECOLOGICAL INFORMATION

ERMA Classification:	NA
Ecotoxicity:	NA
Persistence/Mobility:	NA

Section 13: DISPOSAL INFORMATION

Product Disposal:	No particular requirements
Container Disposal:	Do not use container for any other purpose.

Section 14: TRANSPORT INFORMATION

RAIL/ROAD:	UN Number:	NA
	Proper Shipping Name:	NA
	DG Class:	NA
	Packing Group:	NA
	Marine Pollutant:	NA
SEA (IMDG Code):	UN Number:	NA
	Proper Shipping Name:	NA
	DG Class:	NA
	Packing Group:	NA
	Marine Pollutant:	NA
AIR: (ICAO/IATA)	UN Number:	NA
	Proper Shipping Name:	NA
	DG Class:	NA
	Packing Group:	NA
	Marine Pollutant:	NA
Other Information:	NA	

Section 15: REGULATORY INFORMATION

Cleaning Products Subsidiary Hazards Group Standard: HSR002530

Section 16: OTHER INFORMATION

This SDS supersedes 17th March 2003 and was reviewed to include HSNO requirements.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.