

1. Identification of the material and supplier

Names

Product Name:	CrystalClear
ADG:	Not regulated
Supplier:	Theodist Limited P.O Box 1618 Boroko, NCD Phone: 313 9800 Fax: 325 0302
Emergency Telephone Number:	313 9800

Uses

Material Uses:	Window and glass cleaner
Date:	September 1st 2023

2. Hazardous identification

Hazard Classification of Substance or Mixture

Statement of Hazardous/ Dangerous Nature :	Classified as hazardous according to the criteria of NOHSC but not classified as dangerous goods according to the ADG Code.
<u>Physical Hazard</u>	Not Classified
<u>Health Hazard</u>	
Serious eye damage/eye irritation	Category 2B
<u>Environmental Hazard</u>	Not Classified

GHS Label Elements

Signal Word:	Warning
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Hazard Pictograms:



Hazard Statements

H320	Causes eye irritation
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Prevention Precautionary Statements

P102	Keep out of reach of children.
P264+P265	Wash hands and skin thoroughly after handling. Do not touch eyes
P280	Wear protective gloves/eye protection

<u>Response Precautionary Statements</u>	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+P317	If eye irritation persists: Get medical help
<u>Storage Statements</u>	
P405	Store locked up.
<u>Disposal Statements</u>	
P501	Dispose of contents/ container to an approved waste disposal plant
<u>Other Hazards</u>	None Known

3. Composition/information on ingredients

Ingredient Name	CAS number	% by weight
Ethanol	64-17-5	15 – 20
Ammonia	7664-41-7	<1.0

4. First aid measures

First aid measures

Eye Contact:	IF IN EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin Contact:	IF ON SKIN (or hair): First aid is not normally needed. In case of contact, remove contaminated clothing and wash skin thoroughly. Seek medical attention should symptoms occur. *For minor skin contact, avoid spreading material on unaffected skin
Inhalation:	IF INHALED: Remove to fresh air. Keep warm and at rest until fully recovered. Seek medical attention if symptoms occur.
Ingestion:	IF SWALLOWED: Rinse mouth thoroughly; then drink one or two large glasses of water and induce vomiting. Seek medical assistance or contact a Poisons Information Center.

5. Fire-fighting measures

Extinguishing media:	Non flammable. Prevent contamination of drains or waterways
Fire/Explosion Hazards:	Non flammable. No fire or explosion hazard exists.
Special Protective equipment for fire-fighter	Fire fighters should wear appropriate protective equipment and Self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Hazardous Decomposition Products:	May evolve toxic gases if strongly heated.

6. Accidental release measures

Personal Precautions:	If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves.
Methods for cleaning up:	Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution: surfaces may be slippery.

Note: see section 8 for personnel protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling:	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Do not breathe mist/vapours/spray and prevent contact with eyes, skin and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection (see SECTION 8). Avoid overheating (decomposition). Keep away from sources of ignition - No smoking. Absorb spillage to prevent material damage (see SECTION 6).
Storage:	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep containers securely sealed. Check regularly for spills and leaks. Keep away from heat and sources of ignition - No smoking. Keep away from foodstuffs and incompatible materials (see SECTION 10). Store locked up.

8. Exposure controls/personal protection

Occupation Exposure Limits:	No exposure standard allocated.
Engineering measures:	Ensure adequate ventilation in work area.
Hygiene measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection

Eye:	Safety glasses.
Hands:	Any impervious glove.
Respiratory:	A respirator is not needed under normal and intended conditions of product use.
Skin:	No special protective clothing is required.

9. Physical and chemical properties

Physical state:	Liquid
Colour:	Clear dark blue
Odour:	Alcohol
Boiling point:	Not available
Melting point:	Not available
Specific gravity:	0.800 - 0.900 (Water=1)
Flash point:	Not available
Vapour density:	Not available
pH:	9.5 -10.5 (100%)
Solubility:	Easily soluble in cold water, hot water

10. Stability and reactivity

Stability:	The product is stable under normal ambient conditions of temperature and pressure.
Conditions to Avoid:	None identified
Materials to Avoid	Ignition sources
Hazardous Decomposition Products:	Carbon oxides
Hazardous Reactions:	No hazardous reactions expected

11. Toxicological information

Potential acute health effects

Inhalation:	May result in headaches, dizziness and possible nausea.
Ingestion:	May be harmful if swallowed. Ingestion may cause abdominal pain, mouth and throat irritation, nausea, vomiting and diarrhoea.
Skin contact:	A mild skin irritant.
Eye contact:	A moderate irritant, is highly discomforting to the eyes.

Potential chronic health effects

Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Reproductive Toxicity:	No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity data: Not available.

Persistence/degradability: Not available.

Mobility: Not available.

Other adverse effects: Not available.

13. Disposal considerations

Methods of disposal: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solution and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of via a licensed waste disposal contractor.

14. Transport information

Shipping Name	Regulation	UN number	Class	Packing Grp	Additional Info.
Not regulated	ADG	-	-	-	-
Not regulated	IMDG	-	-	-	-

15. Regulatory information

Australian Inventory status: All substances are listed on AICS or exempt.

AU Classification: -

Standard for the Uniform Scheduling of Drugs and Poisons

Schedule: -

Control of Scheduled Carcinogenic Substances

Ingredient Name Schedule

No listed substance

16. Other information

Prepared by:	Regulatory Affairs
Change made:	New format
Date of Issue	August 15th 2023
References:	<ul style="list-style-type: none">- ADG Code - Australian Transport of Dangerous Goods- IATA - Dangerous Goods Regulations- IMDG Code - 1990 Consolidated Edition- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment- Approved Criteria for Classifying Hazardous Substances- List of Designated hazardous Substances- National Code of Practice for the Labelling of workplace Substances- National code of Practice for the Preparation of material Safety data Sheets- National Model regulations for the Control of Scheduled Carcinogenic Substances- National model Regulations for the Control of Workplace Hazardous Substances- Standard for the Uniform Scheduling of Drugs and Poisons

The information herein is to the best of our knowledge and meant to describe safety requirements of our product and should not be construed as guaranteeing specific properties. No warranty expressed or implied is made as to its accuracy, reliability or completeness. Since we cannot anticipate or control the many conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm whether they are appropriate.