

4. FIRST AID MEASURES

Eyes:	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.
Skin:	Flush with large amounts of water. If irritation persists get medical attention. Wash clothing before reuse.
Inhalation:	If symptoms are experienced, remove victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. DO NOT use mouth-to-mouth respiration.
Ingestion:	DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention or call poison control center.

5. FIRE FIGHTING MEASURES

Flash Point and Method: > 150°F, Combustible Liquid

Extinguishing Media

Dry Chemical, Carbon Dioxide, Foam. Cool fire-exposed containers with water spray.

Fire Fighting Equipment/Instructions

As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Vapors are heavier than air and can spread along the ground and collect in low or confined areas. Containers may explode in the heat of a fire. May form explosive peroxides.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Contain spill with an inert substance (sand, earth). Transfer liquid and solid materials to separate containers for disposal or reclaim. Flush area with large amounts of water.

7. HANDLING & STORAGE

Handling

Wear appropriate protective equipment (See Section 8). Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid excessive heat.

Storage

As with all chemicals, store in tightly closed containers in a cool dry area away from incompatible materials. Keep from overheating or freezing. If material freezes, gently thaw prior to use. Mild agitation may be required. Keep away from children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits as listed in Section 3. Local exhaust is suggested for use, where possible, in enclosed or confined space.

Personal Protection

Eyes/Face:	Safety Glasses
Skin:	Rubber Gloves
Respiratory:	None needed under normal use
General:	None needed under normal use



9. PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid
Color:	Blue
Odor:	Ammonia
Specific Gravity @ 25°C:	0.97 – 1.00
Water Solubility:	Complete
pH:	9 – 10
Vapor Pressure (mm HG):	Not Established
Vapor Density:	Not Established
Evaporation Rate:	Approximately the same as water
Boiling Point:	Approximately 212°F
Percent Volatile:	> 99
% VOC:	< 4

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Excessive heat or freezing conditions, Any Ignition Sources

Incompatibility

Acids and Oxidizers

Hazardous Decomposition

Carbon Dioxide, Carbon Monoxide, Ammonia

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

This product is slightly irritable to skin and eyes. It is expected to be slight toxic orally.

12. ECOLOGICAL INFORMATION

This product is believed to be biodegradable and not to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Treatment, storage, transportation and disposal must be in accordance with all applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Not Regulated
DOT Hazard Class: Not Applicable
DOT I.D. Number: Not Applicable
DOT Packing Group: Not Applicable
DOT Label(s): Not Applicable
Emergency Response Guidebook Number: Not Applicable

15. REGULATORY INFORMATION

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

OSHA Hazard Communication Standard (26 CFR 1910.1200)

Hazardous Non-Hazardous

CERCLA/SUPERFUND (40 CFR 117,302)

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

SARA Extremely Hazardous Substances (40 CFR 355)

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

SARA Hazard Categories (40 CFR 370)

None Acute Chronic Fire Pressure Reactive

SARA Toxic Substances (40 CFR 372)

Isopropanol CAS# 67-63-03

Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL), and Europe (EINECS).

Reportable Quantity (RQ)

None

16. OTHER INFORMATION

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HAZARD RATINGS	HMIS	NFPA	Rating	Description
Health	1	1	0	Minimal
Flammability	1	1	1	Slight
Reactivity	0	0	2	Moderate
PPE	B		3	Serious
			4	Extreme

Completed On: March 29, 2006

Completed By: Product Safety & Compliance, Supervisor: M. Primeaux