

P235 - Keep cool.

Likely Routes of Exposure: Skin, eyes, mouth

Eye: Direct exposure can irritate
 Skin: Prolonged or repeated exposure can irritate
 Ingestion: May cause gastric distress
 Inhalation: Not likely to be a problem

Medical Conditions Aggravated By Exposure:

Allergies

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Aluminum Chlorhydrate	12042-91-0	8-13	Y
Polyvinylpyrrolidone K-30	9003-39-8	7-9	N
Diethylene Glycol	111-46-6	3 - 7	N
Odor Counteractant	Mixture (NA)	1-2	Y
Water	7732-18-5	70-75	N

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, get medical attention.
 Skin Contact: Wash with soap and water.
 Inhalation: Remove to fresh air.
 Ingestion: If conscious, give water or milk to drink.
 Note to Physicians: Do not induce vomiting. Product is slightly less acid than gastric fluid.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water, foam, carbon dioxide, dry chemical.
 Unsuitable Extinguishing Media: None known.
 Products of Combustion: Oxides of carbon and nitrogen.
 Protection of Firefighters: As for surrounding fire.

Section 6. Accidental Release Measures
--

Personal Precautions: Keep away from skin and eyes.
 Environmental Precautions: Keep out of surface waters and sanitary sewers.
 Methods for Containment: Dike area with sand, clay or other suitable material.
 Methods for Clean-Up: Absorb on sand, clay or other suitable material. Hard surfaces may be mopped up with water.

Other Information:

Section 7. Handling and Storage

HANDLING

Keep closed until ready for use.

STORAGE

Keep out of the reach of children. Store in original container at ambient conditions.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Aluminum Chlorhydrate	TLV 15 mg/cu m	>5000 mg/kg
Polyvinylpyrrolidone K-30	None established	> 100 grams/kg
Diethylene Glycol	None established	25 244 mg/kg
Odor Counteractant	NA	NA
Water	Not applicable	Not applicable

Engineering Controls: Not normally necessary.

Eye/Face Protection: Protective goggles if handling large quantities.

Skin Protection: Rubber or similar protective gloves recommended.

Respiratory Protection: Organic mist respirator if using large quantities

General Hygiene Considerations: Reasonable care. Keep away from food and beverages.

Section 9. Physical and Chemical Properties

Color: Green	Odor: Characteristic
Physical State: Liquid	Odor Treshhold:
pH: 3.5-5.5	Freezing Point: Not determined.
Evaporation Rate: As water	Boiling Point: >100C / >212F
Flash Point: >205 F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: Not determined	Specific Gravity: 1.05
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
less than 1%	Percent Volatile: 70-80% including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 7 grams per kilogram
Dermal LD50:	Not toxic by skin contact. Weighted average more than 6 grams per kilogram.
Inhalation:	Not toxic by inhalation. Weighted average more than 16 milligrams per Liter.
Eye Irritation:	Direct contact can irritate
Skin Irritation:	Prolonged or repeated direct contact can irritate
Sensitization:	None known

CHRONIC EFFECTS

Carcinogenicity: None known
Mutagenicity: None known
Reproductive Effects: None known
Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: None known
Persistence/Degradability: Biodegradable
Bioaccumulation/Accumulation: None known
Mobility in Environment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State or Provincial, and local regulations.

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : Does not contain reportable quantities of any SARA 313 substances

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

Does not contain any Proposition 65 substances.

WHMIS: Canadian Workplace Hazardous Material Information System

D 2 B

Section 16. Other Information

Aluminum Chlorhydrate listed on Canada's Ingredient

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.