

Material Safety Data Sheet

Product Name: Crystal FX - CRS100

Date: July 12, 2007

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: **Crystal FX – CRS100**

Chemical Formula: N/A

CAS Number: N/A

Other Designations: Blend

General Use: Mask

Manufacturer for: Alsa Corporation
2640 East 37th Street
Vernon, CA 90058
Tel. 1-323-581-5200
Fax 1-323-459-4400

Infotrac Chemical Emergency Response - (800) 535-5053 / (352)323-3500

Section 2 - Composition/Information on Ingredients

Ingredient Name	CAS Number	Einecs No.	Conc.
Water	7732-18-5	231-791-2	20-40
Urea	57-13-6	200-315-5	10-20
Isopropyl Alcohol	67-63-0	200-661-7	40-60

Section 3 - Hazards Identification

Potential Health Effects

Primary Entry Routed: Dermal, eyes

Target Organs: Skin, eyes

Acute Effects: N/D

Inhalation: Irrigation and headache; irritation and redness

Eye: Strong irritation, redness, stinging, and tearing of the eye

Skin: Irritation and redness

Ingestion: Swallowing the product may be harmful. May cause irritation, choking, and headache.

Carcinogenicity: N/D; None known

Medical Conditions Aggravated by Long-Term Exposure: N/D; None known

Chronic Effect: N/D

HMIS	
H	2
F	2
R	0
PPE	E

Section 4 First Aid Measures

Inhalation: Remove to fresh air.

Eye Contact: Immediately flush with copious amounts of water. Wash with soap and water.

Skin Contact: Wash with soap with water thoroughly.

Ingestion: Obtain medical attention immediately.

- *After first aid, get appropriate in-plant, paramedic, or community medical support.*

Note to physician: N/A

Special Precautions/Procedures: N/A

Section 5 – Fire-Fighting Measures

Flash Point: >160°F

Flash Point Method: Pinsky-Martens Closed Cup

Burning Rate: N/D

Autoignition Temperature: N/D

LEL: N/D

URL: N/D

Flammability Classification: Not regulated

Extinguishing Media: Water, foam, dry chemical

Unusual Fire or Explosion Hazards: N/D

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Hazardous Combustion Products: N/D

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: N/D

Section 6 – Accidental Release Measures

Spill/Leak Procedures: Do not release into sewers or waterways

Small Spills: Wipe-up and dispose or properly.

Large Spills: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or water ways.

Containment: Do not release into sewers or water ways.

Cleanup: Dispose of spill residue properly.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 – Handling and Storage

Handling Precautions: Do not spray towards eyes or skin.

Storage Requirements: Do not store near food area where children play.

Regulatory Requirements: N/D

Section 8 – Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: N/A

Administrative Controls: N/A

Respiratory Protection: No respiratory equipment should be needed. If so, follow OSHA respirator regulations (29 CFR 1910.134). If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning and convenient, sanitary storage areas.

Protective Clothing/Equipment: No protective clothing should be needed. May wear protective gloves to protect your skin. May wear safety glasses if you so choose.

Safety Stations: N/A

Contaminated Equipment: N/A

Comments: N/A

Section 9 – Physical and Chemical Properties

Physical State: Liquid

Appearance and Order: Colorless liquid, ammonia odor

Odor Threshold: N/D

Vapor Pressure: N/D

Vapor Density (Air=1): N/D

Formula Weight: N/A

Density: 1.15

Specific Gravity (H₂O=1, at 4°C): 1.1300

pH: 10.39

Water Solubility: 100%

Other Solubilities: N/D

Boiling Point: N/D

Freezing/Melting Point: N/D

Viscosity: N/D

Refractive Index: N/D

Surface Tension: N/D

% Volatile: 51%

Evaporation: N/D

Section 10 – Stability and Reactivity

Stability: Crystal FX – CRS100 is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Not determined but very unlikely.

Chemical Incompatibilities: None determined; ammonia compounds may be harmful to metal surfaces.

Conditions to Avoid: N/D

Hazardous Decomposition Products: May form ammonia nitrogen compounds.

Section 11 – Toxicological Information

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Eye Effects: No Data
Skin Effects: No Data
Swallowing: No Data
Inhalation: No Data

Acute Inhalation Effects: N/D
Acute Oral Effects: N/D
Chronic Effects: N/D
Carcinogenicity: N/D
Mutagenicity: N/D
Teratogenicity: N/D

Section 12 – Ecological Information

Ecotoxicity: N/D
Environmental Fate: N/D
Environmental Degradation: N/D
Soil Absorption/Mobility: N/D

Section 13 – Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

Disposal Regulatory Requirements: N/D

Container Cleaning and Disposal: N/D

Section 14 – Transport Information

Dot Transportation (49 CFR 172.101)

Shipping Name: N/D
Shipping Symbols: N/A
Hazard Class: N/A
ID No: N/A
Packing Group: N/A
Label: N/A
Special Provisions (172.102): No Data

Packaging Authorization
a) Exceptions: N/A
b) Non-bulk Packaging: N/A
c) Bulk Packaging: N/A

Quantity Limitations
a) Passenger, Aircraft, or Railcar: N/D
b) Cargo Aircraft Only: N/D

Vessel Stowage Requirements
a) Vessel Stowage: N/A
b) Other: N/A

Section 15 – Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)
RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified
CERCLA Hazardous Substance (40 CFR 302.4) Ammonia
CERCLA Reportable Quantity (RQ), 100 lbs
SARA 311/312 Codes: N/D
SARA Toxic Chemical (40 CFR 372.65): Not listed
SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Ammonia Threshold Planning Quantity (TPQ)500 Lbs.

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1,Z-1-A): Not listed

State Regulations: N/D

Section 16 – Other Information

Additional Hazard Rating Systems: N/A

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