

Material Safety Data Sheet

PRODUCT NAME: ChromeFX B1 Super Concentrate

PRODUCT CODE: B1

DATE: July 25, 2007

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURED FOR : ALSA CORPORATION
2640 E. 37th Street
Vernon, CA 90058
Tel: (323)581-5200
Fax: (323)589-4400

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

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

NAMES	CAS NUMBER	EINECS-No	CONC
Zinc nitrate	7779-88-6	231-943-8	1-5
Water	7732-18-5	231-791-2	95-99

SECTION III – HAZARDS IDENTIFICATION OF THE PREPARATION

Inhalation Health Risks and Symptoms of Exposure: Causes irritation to the respiratory tract. If inhaled, remove to fresh air.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Causes irritation to the skin and eyes.

Skin Absorption Symptoms of Exposure: Redness and itching.

Ingestion Health Risks and Symptoms of Exposure: Can cause irritation to gastrointestinal tract. If swallowed, DO NOT induce vomiting. Give glass of water only if the person is conscious. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

Health Hazards (Acute and Chronic): Zinc salts are eliminated fairly promptly, making chronic effects less than acute.

Carcinogenicity: NTP? No IARC Monographs? No

Medical Conditions Generally Aggravated By Exposure: No Information found.

SECTION IV – FIRST AID MEASURES

Inhalation: Remove to fresh air. Administer oxygen or artificial respiration as needed. Obtain medical attention.

Eye Contact: Flush with clean, luke warm water (low pressure) for at least 15 minutes occasionally lifting eyelids and obtain medical attention.

Skin Contact: Remove contaminated clothing; wash affected areas thoroughly with soap and water. If redness, itching, or a burning sensation develops, have skin examined and treated by medical personnel.

Ingestion: Do not induce vomiting. Give one or two glasses of milk or water to drink. (Do not give anything by mouth to unconscious person.) Consult physician.

Special Precautions/Procedures: Store in sealed containers to prevent moisture contamination. Avoid contact with skin and eyes.

SECTION V – FIRE-FIGHTING MEASURES

Flash Point: NA

Flash Point Method: TCC

Autoignition: Not Established

Burning Rate: Not Established

LEL: Not Established

UEL: Not Established

Extinguishing Media: Water, foam or dry chemical may be used.

Unusual Fire or Explosion Hazards: This material is an oxidizer. It will increase the fire potential of combustible and flammable materials. This material may react and burn with organic materials.

Fire-Fighting Equipment: Fire fighters should wear full emergency equipment with self-contained breathing apparatus and full protective clothing. Use water fog to cool fire-exposed containers.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Spill /Leak Procedures: Don appropriate personal protective equipment. Cover spill with absorbent material (sawdust, vermiculite, Fuller's earth or other absorbent material). Shovel mixture into drum or other appropriate container and remove from work area. Follow precautions on supplier's MSDS.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

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

SECTION VII – HANDLING AND STORAGE

Handling Precautions: Avoid contact with skin and eyes.

Storage Requirements: Store in sealed containers to prevent moisture contamination. Ideal storage temperature 60 - 100° F.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Names	CAS Number	EINECS-No	STEL	LTEL
Zinc Nitrate	7779-88-6	231-943-8	N/A	1ppm

Eye protection requirements: Splash goggles or full face shield.

Skin protection requirements: PVC, neoprene or nitrile splash suits, boots and gloves should be worn when spray or splash protection is required.

Respirator requirements: Whenever the hydrazine levels exceed the current Permissible Exposure Limit (1ppm), a positive pressure supplied air respirator is recommended.

Additional protective measures: Safety showers and eyewash stations should be readily available. Do not store or transfer hydrazine solutions in open containers. Because hydrazine can be absorbed into the body by all common routes of exposure, protective equipment must be used. Personal protective equipment design and good maintenance practices.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear liquid

Vapor Pressure: NA

Vapor Density (Air=1): is heavier than air

Specific Gravity (H₂O=1, at 25 °C): 1.0

pH: Not Available

Water Solubility: yes

Boiling Point: 225°F

Freezing/Melting Point: Not Applicable

% Volatile: 95-99%

Evaporation Rate: is slower than ether

SECTION X – STABILITY AND REACTIVITY

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: will not occur.

Chemical Incompatibilities: Substance is capable of reacting with reducing agents and combustible at elevated temperatures.

Conditions to Avoid: High temperatures and freezing

Hazardous Decomposition Products: Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Carcinogenicity: NTP: No IARC Monographs: No

SECTION XII – ECOLOGICAL INFORMATION

Other Precautions: Empty container may retain product residues (vapor or liquid). All precautions must be observed. All equipment should be grounded.

Steps to be Taken in Case Material is Released or Spilled: Eliminate all sources of ignition. Wear safety equipment as described in Sec. VII; assume for all hazardous ingredients listed that TLV, and LEL limits will be exceeded. Absorb on inert material and dispose.

SECTION XIII – DISPOSAL CONSIDERATIONS

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

Disposal Regulatory Requirements: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT CLASSIFICATION / DESCRIPTION

Hazard Class: 5.1

Technical Shipping Name: ChromeFX B1 Super Concentrate

Freight Class Bulk: Paint Related Material, 3

Freight Class Package: UN1514, II

Product Label: Oxidizer

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DOT (DOMESTIC SURFACE)

Proper Shipping Name: ChromeFX B1 Super Concentrate

Hazard Class or Division: 5.1

UN/NA Number: UN1514

Packaging Group: II

Hazard Label (s): Oxidizer

IMO / IMDG CODE (OCEAN)

Hazard Class Division Number: Non-Regulated

ICAO / IATA (AIR)

Hazard Class Division Number: Non-Regulated

SECTION XV – REGULATORY INFORMATION

EPA Regulations:

Sara Title III Hazardous Substances

Hazardous Ingredients

	CAS #
Zinc Nitrate	7779-88-6

US FEDERAL REGULATIONS

SARA 311/312	ACUTE	CHRONIC	FIRE	PRESSURE	REACTIVITY	TSCA	PROP 65
	YES	NO	NO	NO	NO	YES	YES

CERCLA: Final RQ = 1000 pounds (454 Kg)

SECTION XVI – OTHER INFORMATION

HMIS Codes:

Health: 2

Flammability: 0

Reactivity: 0

Protection: E

The information of this MSDS is based on the present state of our knowledge and on current federal laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product; it is not to be considered as a guarantee of the products' properties.