

MATERIAL SAFETY DATA SHEET

SECTION I - Material Identification and Use

Material Name Identifier: Polarized Crystals

Supplier Name:

Street Address:

City and Province:

Postal Code:

Telephone Numbers:

Emergency Telephone Number:

Material Use: Transportation Care

WHMIS Classification: 29 CFR, 1910, 1200

SECTION II - Ingredients

Oxalic Acids

CAS #: 144-62-7

LD50: 375 mg/kg Oral Rat

TLV: 1 mg/m³ TWA

LC50: Not Available

Cationic surfactant

CAS #: Not Available

LD50: Not Available

TLV: Not Available

LC50: Not Available

Sodium carbonate

CAS #: 497-19-8

LD50: Not Available

TLV: Not Available

LC50: 800 mg/m³ Guinea pig

Sodium metasilicate

CAS #: 6834-92-0

LD50: 1280 mg/kg Oral Rat

TLV: Not Available

LC50: Not Available

Sodium dodecylbenzenesulfonate

CAS #: 25155-30-0

LD50: 1260 mg/kg Oral Rat

TLV: Not Available

LC50: Not Available

Sodium perborate

CAS #: 7632-04-4

LD50: Not Available

TLV: Not Available

LC50: Not Available

SECTION III - Physical Data

Physical State: Solid

Specific Gravity: 0.953

Colour: White

Viscosity: Not Applicable

Vapour Density (Air=1): Not Applicable

Evaporation Rate (Water=1): Not Applicable

Solubility in Water (20°C): Soluable

Boiling Point (°C): Not Available

% Volatile: 11

pH: Not Applicable

Clarity: Not Applicable

Odour: Citrus

Section IV - Fire and Explosion Data

Flammability: Not Applicable
Flash Point (TCC): Not Applicable
LEL (%vol) lowest value of components: Not Applicable
UEL (%vol) highest value of components: Not Applicable
Hazardous Combustion Products: Not Applicable
Means of Extinction: Not Applicable
Special Fire Hazards: None known to us at this time.

SECTION V - Reactivity Data

Conditions for Chemical Instability: Not Applicable
Incompatibility:

- Strong caustics
- Strong oxidizing agents
- Strong Acids
- Metals
- Combustible Materials

Hazardous Decomposition Products: Oxygen

SECTION VI - Toxicological Properties

Route of Entry:

- Eye
- Skin Contact
- Inhalation
- Ingestion

SECTION VII - Preventative Measures

Leak and Spill Procedure:

- Before attempting clean-up, refer to hazard data given above.
- Use broom or dry vacuum to collect material for proper disposal.
- Rinse area with water.
- Prevent large spills from entering sewers or waterways.
- Contact emergency services and supplier for advice

Water Disposal:

- Review federal, provincial and local government requirements prior to disposal.

Storage Requirements:

- Store in closed container.
- Store away from incompatible materials.
- Store in a cool, dry, well-ventilated area.

SECTION VIII - First Aid

Eye:

- Immediately flush with water for 15 minutes
- Call a doctor immediately.

Skin:

- Brush away excess of dry material.
- Flush with water. Call a doctor if irritation develops.
- Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Inhalation:

- Prior to attempting any rescue, remove contamination source and ensure your own safety.
- Remove to fresh air.
- If breathing has stopped trained personnel should begin artificial respiration or CPR immediately.
- Call a doctor.

Ingestion:

- Do not induce vomiting.
- Rinse mouth with water, then drink one glass of water.
- Contact a doctor immediately.
- Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX - Additional information

TDG Shipping Name: Not regulated under TDG
Date: 10/31/92

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