

MATERIAL SAFETY DATA SHEET

Product Name: **Luminate Vitalizer**

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Supplied by: **KROWN RUST CONTROL SYSTEM
247 CREDITSTONE ROAD
CONCORD ON L4K 1N6**

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SECTION I

PRODUCT INFORMATION

Product usage: Surface coating
Product type: Water based polymeric blend
WHMIS Class: Not Controlled
TDG Class: Not Regulated.

SECTION II

HAZARDOUS INGREDIENTS

| INGREDIENT | % | CAS# | TOXICITY |
|-------------|-----|------|-----------------------|
| Emulsifiers | < 5 | | Possible eye irritant |

SECTION III

PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|-----------------------------|-----------------------------|--------------------------|--------------------|
| Appearance: | Milky white liquid emulsion | Density (g/ml): | 1.0 |
| pH as is: | 6.0 - 8.5 | Freezing point: | 0 Deg. C. |
| pH use dilution: | 6.0 - 8.5 | Boiling Point: | 100 Deg. C. |
| Solubility in water: | Dispersible. | Evaporation Rate: | Slower than water. |
| Odour: | Slight Citrus | | |

SECTION IV

FIRE AND EXPLOSION HAZARDS

Flash point: Over 120 Deg. C. after drying
Flammability: Non-Flammable
Combustion products: Oxides of carbon, sulphur, and incomplete combustion products
To Extinguish: Not applicable
Other: None

SECTION V

HEALTH HAZARD DATA

Effects of Acute Exposure to:

Skin: Non-irritating
Eyes: May cause mild irritation, watering of eyes
Ingestion: May cause nausea, diarrhea.
Inhalation: N/A
Other: No carcinogenicity, mutagenicity, teratogenicity, reproductive effects reported for ingredients.

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SECTION V

HEALTH HAZARD DATA

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First Aid Procedures...

- Skin:** Remove contaminated clothing immediately. Wash exposed areas with copious amounts of running water.
- Eyes:** Flush with water running water for 10 minutes lifting the upper and lower eyelids occasionally. Get medical attention if irritation persists.
- Ingestion:** Drink large quantities of milk or water, if possible. No gastric lavage and no emetics to be given. Other demulcent drinks may be helpful (e.g. raw egg whites, aluminum hydroxide gels). Avoid mineral oil and alcohol. Oxygen therapy and other measures against pulmonary edema, as indicated. Call a physician immediately.
- Inhalation:** Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no is no breathing and no pulse. Obtain medical attention immediately.

SECTION VI

REACTIVITY DATA

Product is stable. Do not mix with strong acids, alkalis; oxidizing and reducing agents. Hazardous polymerization will not occur.

SECTION VII

CLEANUP OF SPILLS OR LEAKS

- Disposal method:** Sanitary sewer or dry absorbent material. For large quantities, check with local environmental department, and government authorities.

SECTION VIII

SPECIAL PROTECTION

- Ventilation:** Normal building ventilation is adequate.
- Breathing Protection:** Not usually required.
- Skin Protection:** Not usually required.
- Eye Protection:** Safety glasses with side shields when there is potential for eye contact

SECTION IX

SPECIAL PRECAUTIONS

As with all chemicals there are known and unknown effects on humans. Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes. Store product in suitable labelled containers. Keep container closed when not in use. Rinse work area after use. Keep out of reach of children. Avoid contamination of food. Wash thoroughly after handling. Store in cool dry well ventilated area away from open flame and heat sources.

References: Suppliers Material Safety Data Sheets.

Prepared by: Technical Dept.

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