

MATERIAL SAFETY DATA SHEET
Manic

Sanitation inc.

66, rue Fraser Rivière-du-Loup, Québec G5R 1C2

tel: (418) 862-6393 fax: (418) 862-1876

PRODUCT INFORMATION

| | |
|----------------------------------|------------------|
| PRODUCT NAME CRISTAL-2000 | WHMIS CLASS: D2B |
| CHEMICAL FAMILY ACRYLIC POLYMER | |

PHYSICAL PROPERTIES

| | | | |
|-------------------------|----------|--|----------|
| APEARANCE AND ODOUR | LIQUID | WHITE | PLEASANT |
| BOILING POINT (°C) | N.Av. | EVAPORATION RATE (nBuAc= 1) | N.Av. |
| VAPOR PRESSURE (mm Hg) | N.Av. | VISCOSITY (cps) 22°C 20rpm spindle # 1 | 7,5 |
| VAPOR DENSITY (AIR = 1) | N.Av. | FREEZING POINT (°C) | N.Av. |
| SOLUBILITY IN WATER | DILUABLE | pH | 8,5 |
| VOLATILE BY VOLUME | 79,1 | SPECIFIC GRAVITY (WATER = 1) | 1,033 |
| ACTIVE MATERIAL | 26,6 | | |

HAZARDOUS INGREDIENTS

| INGREDIENTS | CAS OR UN number | % | TLV (units) |
|---------------------------------|------------------|-----|-------------|
| DIETHYLENE GLYCOL METHYL ETHER | CAS 111-77-3 | 1-5 | N.Av. |
| DIPROPYLENE GLYCOL METHYL ETHER | CAS 34590-94-8 | 1-5 | 100 ppm |
| DIBUTYL PHTHALATE | CAS 84-74-2 | 1-5 | N.Av. |
| TRIBUTOXYETHYL PHOSPHATE | CAS 78-51-3 | 1-5 | N.Av. |

FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|----------------------|--------------|--------------|
| FLASH POINT (Method used): NON-FLAMMABLE | | | |
| FLAMMABLE LIMITS | LOWER: | N.Av. | UPPER: N.Av. |
| EXTINGUISHING MEDIA: | N.Av. | | |
| SPECIAL FIRE FIGHTING PROCEDURES: | N.Av. | | |
| UNUSUAL FIRE AND EXPLOSIVE HAZARDS: | N.Av. | | |
| AUTOIGNITION TEMPERATURE: N.Av. | | | |
| DATE: January 31, 2011 | phone:(418) 862-6393 | DIRECTOR R&D | |

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TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: N.Av.

EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: IRRITATION

EYE CONTACT: IRRITATION & REDNESS

INHALATION MAY CAUSE TRACK IRRITATION

INGESTION IRRITATION

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: RINSE WITH WATER

EYE CONTACT: RINSE WITH PLENTY OF WATER; SEE A PHYSICIAN

INHALATION REMOVE VICTIM TO FRESH AIR

INGESTION DRINK LARGE QUANTITY OF WATER; SEE A PHYSICIAN

REACTIVITY DATA

STABLE: STABLE

CONDITIONS TO AVOID: KEEP FROM FREEZING

INCOMPATIBILITY WITH: N.Av.

HAZARDOUS DECOMPOSITION PRODUCTS: N.Av.

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: N/Av

SPILL OR LEAK PROCEDURES

PREVENTIVES MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

PICK-UP WITH ABSORBANT MATERIAL AND TRANSFER INTO CONTAINERS FOR DISPOSAL. FLUSH AREA WITH WATER

WASTE DISPOSAL METHOD:

FOLLOW FEDERAL, PROVINCIAL OR LOCAL ORDINANCES IN REGARDS TO WATER BASED WAXES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N.Av.

VENTILATION MECHANICAL GENERAL

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: GOGGLES

OTHER PROTECTIVE EQUIPMENT: N.Av.

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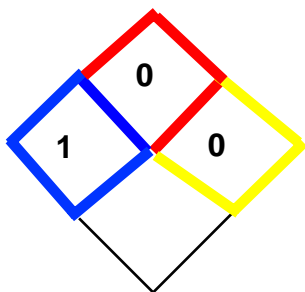
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CRISTAL-2000

SPECIAL PRECAUTIONS

| STORAGE TEMPERATURE | MIN 1°C | MAX FRAIS & SEC |
|-------------------------|---------|-----------------|
| TDG: N.R. COOL & DRY | | |

NFPA



SIMD / HMIS

| | |
|--|---|
| Santé / Health | 1 |
| Inflammabilité / Flammability | 0 |
| Réactivité / Reactivity | 0 |
| Protection personnelle / Personal protection b | |