

SECTION I-MATERIAL IDENTIFICATION AND USE

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|---------------------------|----------------------------------|-------------------------|-------------------------------|
| Material Name/Identifier: | Quik Melt | Stock No. | 780/785 |
| Manufacturer's Name: | Kleen-Flo Tumbler Industries Ltd | Street Address: | 75 Advance Blvd. |
| City: | Brampton | Province: | Ontario |
| Postal Code: | L6T 4N1 | Emergency Phone #: | CANUTEC:- 613-996-6666 (24HR) |
| Chemical Name: | N/Av. (Mixture) | Chemical Family: | salt |
| Chemical Formula: | N/Av. (Mixture) | Trade Names & Synonyms: | N/Av. |
| Material Use: | De-Icer & Dust Control | Molecular Weight: | N/Av. |

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

| Hazardous Ingredients | C.A.S. | Approximate Concentration | LD50 Species & Route | LC50 Species & Route |
|-----------------------|-----------|---------------------------|-----------------------|----------------------|
| Magnesium chloride | 7786-30-3 | 10 - 30% | 8100 mg/kg | N/Av. |
| Sodium Chloride | 7647-14-5 | 60 - 100% | 3000 mg/kg rat - oral | N/Av. |

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by th US OSHA, IRAC or the US National Toxicology Program at a concentration greater than 0.1%.

SECTION III-PHYSICAL DATA FOR MATERIAL

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|------------------------------|------------------------------|-------------------------------------|-------------------------------|
| Physical State: | Crystals | Odour/Appearance: | Odourless White/Pink Crystals |
| Bulk density; | 1.080 g/ml | Odour Threshold(p.p.m.): | N/Av. |
| Boiling Point (dehydration): | N/Av. | Evaporation Rate: | N/E |
| Freezing Point: | N/Av. | Solubility in Water: | Soluble |
| % Volatile(by volume): | N/Av. | Vapour Pressure(mm)Hg: | N/Av. |
| Vapour Density(Air=1): | N/Av. | Coefficient of Water/Oil Distribut: | N/Av. |
| pH | neutral to slightly alkaline | | |

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

| | | | |
|------------------------------|---|----------------------------------|-------|
| Flammability Yes/No | No | If yes under which conditions?: | N.Ap. |
| Auto Ignition Temperature: | N/E | Means of Extinction: | N/Av. |
| Flashpoint and Method: | N/Av. | Hazardous Combustion Products: | None |
| Upper Flammable limit (%vol) | N/E | Lower Flammable Limit(% by vol): | N/E |
| Explosion Data: | Sensitivity to Mechanical Impact: N/Av. | Sensitivity to Static Discharge: | N/Av. |

SECTION V-REACTIVITY DATA

| | | |
|---|---|---|
| Chemical Stability Yes/No | Yes | If No, under which conditions? |
| Incompatibility to Other Substances Yes/No: | Yes | If so which ones? Concentrated Acids, Sulfuric, Nitric etc. |
| Reactivity and under what conditions? | N/E | |
| Hazardous Decomposition Products: | Release hydrogen chloride vapors if heated ove 300 oF | |

N/E: not established

N/Av.: not available

N.Ap.: not applicable

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

| | | | |
|---|---|---|------------|
| Route of Entry: All Routes | --SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION | | |
| Effects of Acute Exposure: | Very low toxicity. may cause slight irritation to eyes and skin. | | |
| Effects of Chronic Exposure: | None Known. | | |
| Irritancy of Product: | eye and skin irritant | Exposure Limits of Product: | N/E |
| Sensitization of Product: | N/Av. | Toxicologically Synergistic Materials: | N/Av. |
| --CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY | | | None known |

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

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| Gloves(specify): | Impervious gloves | Eye(specify): | Safety Glasses |
| Respiratory(specify): | Dust respirator | Clothing: | Not required |
| Respiratory Protection: | For dusty or misty condition wear NIOSH approved dust or mist respirator. | | |
| Engineering Controls: | Local and mechanical ventilation. | | |
| Leak and Spill Procedure: | Sweep up all dry material and place in a suitable container.Flush area with water. | | |
| Waste Disposal: | Standard methods approved in your area by governing bodies. | | |
| | Reclaim or disposed of at a licensed wasted disposal facility | | |
| Storage Requirements: | Store in cool dry area. Keep lid or bag closed when not in use. | | |
| Handling Procedures and | Avoid prolonged or repeated contact with skin. | | |
| Equipment: | Handle all chemicals with care. Keep away from children. Do not inhale or ingest. | | |
| TDG Classification: | Not Regulated | | |
| WHMIS Classification: | #785 D2B | | |

SECTION VIII-FIRST AID MEASURES

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| Eye: | Flush with plenty of water for 15 minutes. Consult a physician if irritation persist. |
| Skin: | Wash with soap and water for 5 - 10 minutes. See doctor if irritation, rashes persist. |
| Inhalation: | Move patient to fresh air and restore breathing if required. See doctor if discomfort persist. |
| Ingestion: | INDUCE VOMITING. Seek medical attention immediately. |

SECTION IX-PREPARATION DATE OF M.S.D.S.

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|----------------------------------|--|
| Additional Info/Comments: | Source used: Supplier's data |
| Phone Number: | (905) 793-4311 |
| Date Prepared: | January 16 2012. |
| | Prepared By: Quality Control Laboratory |
| | Kleen-Flo Tumbler Industries Limited |

THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED