SECTION I-MATERIAL IDENTIFICATION AND USE

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

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/Ap.**	**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 above 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:

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

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.

Additional Info/Comments:		**Source used: Supplier's data**	
Phone Number:	**(905) 793-4311**	**Prepared By: Quality Control Laboratory**	
Date Prepared:	**Janaury 2, 2015.**	**Kleen-Flo Tumbler Industries Limited**	

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

N/E: not established **N/Av.: not available** **N.Ap.: not applicable**