

**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 <b>Génie</b>	DIN 00433322	PCPA 14291
CHEMICAL FAMILY INORGANIC SALT/QUATERNARY	WHMIS CLASS: N.R.	

**PHYSICAL PROPERTIES**

APPEARANCE AND ODOUR	LIQUID	GREEN	CITRUS
BOILING POINT (°C)	N/Av	EVAPORATION RATE (nBuAc= 1)	N/Av
VAPOR PRESSURE (mm Hg)	N/Av	VISCOSITY (cps) 22°C 20rpm spindle #	15 cps
VAPOR DENSITY (AIR = 1)	N/Av	FREEZING POINT (°C)	N/Av
SOLUBILITY IN WATER	COMPLETE	pH	13,3
VOLATILE BY VOLUME	85,9	SPECIFIC GRAVITY (WATER = 1)	1,071
ACTIVE MATERIAL	14,1		

**HAZARDOUS INGREDIENTS**

INGREDIENTS	CAS OR UN number	%	TLV (units)
SODIUM METASILICATE	CAS 6834-92-0	1-5	N/Av
n-ALKYL DIMETHYL ARYL AMMONIUM CHLORIDES	CAS 68391-01-5	1-5	N/Av
ALKOXYLATED ALCOHOLS BLEND	N.A.	3-7	N/Av.
n-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES	CAS 68956-79-6	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 21, 2008	phone:(418) 862-6393	DIRECTOR R&D	

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**TOXICOLOGICAL PROPERTIES**

THRESHOLD LIMIT VALUE: N/Av

EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: MAY CAUSE IRRITATION

EYE CONTACT: CORROSIVE FOR THE EYES, SEVERE IRRITATION

INHALATION MAY CAUSE TRACK IRRITATION

INGESTION DANGEROUS IF SWALLOWED

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: RINSE WITH PLENTY OF WATER

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

INHALATION REMOVE VICTIM TO FRESH AIR

INGESTION DRINK PLENTY OF MILK, EGG WHITES, GELATIN SOLUTION OR WATER, AVOID ALCOHOL; SEE A PHYSICIAN

**REACTIVITY DATA**

STABLE: STABLE

CONDITIONS TO AVOID: KEEP FROM FREEZING

INCOMPATIBILITY WITH: STRONG OXIDIZING & REDUCING AGENTS

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:

RINSE WITH WATER

WASTE DISPOSAL METHOD:

FOLLOW FEDERAL, PROVINCIAL AND LOCAL ORDINANCES TO DISPOSAL OF WATER BASED CLEANING COMPOUNDS

**SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: N/Av

VENTILATION MECHANICAL GENERAL

PROTECTIVE GLOVES: RUBBER & NEOPRENE

EYE PROTECTION: GOGGLES

OTHER PROTECTIVE EQUIPMENT: N/Av

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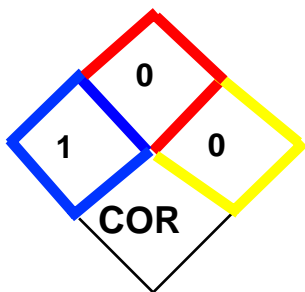
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**SPECIAL PRECAUTIONS**

STORAGE TEMPERATURE	MIN 1°C	MAX 38°C
TDG: CORROSIVE LIQUIDS, BASIC, INORGANIC, NOS(METSO) UN 3266 CLASS 8 PQ.GR. II PLACARDS 8 LABELS 8+ WAY-UP		

**NFPA**



**SIMD / HMIS**

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