

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 BIO SOL	WHMIS CLASS: D2A D2B
CHEMICAL FAMILY ORGANIC AND INORGANIC SALTS / SOLVENT	

PHYSICAL PROPERTIES

APPEARANCE AND ODOUR	LIQUID	ORANGE	CITRUS
BOILING POINT (°C)	N.Av.	EVAPORATION RATE (nBuAc= 1)	N.Av.
VAPOR PRESSURE (mm Hg)	N.Av.	VISCOSITY (cps) 22°C 20rpm spindle #	N.Av.
VAPOR DENSITY (AIR = 1)	N.Av.	FREEZING POINT (°C)	N.Av.
SOLUBILITY IN WATER	COMPLETE	pH	8.7
VOLATILE BY VOLUME	92,93	SPECIFIC GRAVITY (WATER = 1)	1,018
ACTIVE MATERIAL	8,05		

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS OR UN number	%	TLV (units)
ALKOXYLATED ALCOHOLS BLEND	N.A.	1-5	N.Av.
SODIUM TETRABORATE PENTAHYDRATE	CAS 1330-43-4	1-5	1mg / m ³
ISOPROPYLIC ALCOHOL	CAS 67-63-0	1-5	400 ppm

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: IRRITATION

EYE CONTACT: IRRITATION

INHALATION MAY CAUSE TRACK IRRITATION

INGESTION IRRITATION

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: RINSE WITH WATER

EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES, SEE A PHYSICIAN

INHALATION REMOVE VICTIM TO FRESH AIR

INGESTION DRINK PLENTY 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:

RINSE WITH PLENTY OF WATER

WASTE DISPOSAL METHOD:

FOLLOW PROVINCIAL, FEDERAL AND LOCAL ORDINANCES IN REGARDS WITH WATER BASE DETERGENT

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/Av

VENTILATION MECHANICAL GENERAL

PROTECTIVE GLOVES: N/Av

EYE PROTECTION: GOGGLES

OTHER PROTECTIVE EQUIPMENT: N/Av

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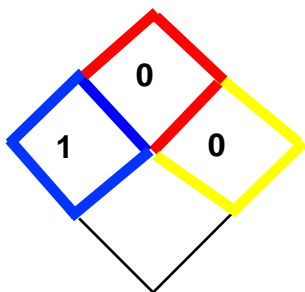
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BIO SOL

SPECIAL PRECAUTIONS

STORAGE TEMPERATURE	MIN 1°C	MAX 43°C
TDG: N.R.		

NFPA



SIMD / HMIS

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