

**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>BIO SOL</b>	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	CAS 68439-50-9	1-5	N.Av.
SODIUM TETRABORATE PENTAHYDRATE	CAS 1330-43-4	1-5	1mg / m <sup>3</sup>
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 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

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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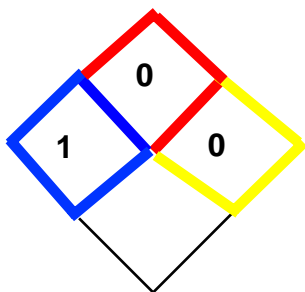
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**SPECIAL PRECAUTIONS**

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	