

MATERIAL SAFETY DATA SHEET

MAUNCO

270 Adam St., Belleville, ON Canada K8N 5S4
 TEL: (613) 962-0437 FAX: (613) 969-7465

PRODUCT INFORMATION

PRODUCT NAME <i>FLASH-20</i>	WHMIS CLASS: B2 D1B E
CHEMICAL FAMILY ALCOHOL	

PHYSICAL PROPERTIES

APPEARANCE AND ODOUR	LIQUID	LIGHT BLUE	ALCOHOL
BOILING POINT (°C)	83	EVAPORATION RATE (nBuAc= 1)	N.D.
VAPOR PRESSURE (mm Hg)	33	VISCOSITY (cps) 22°C 20rpm spindle #	N.D.
VAPOR DENSITY (AIR = 1)	2,1	FREEZING POINT (°C)	N.D.
SOLUBILITY IN WATER	COMPLETE	pH	10,4
VOLATILE BY VOLUME	100,0	SPECIFIC GRAVITY (WATER = 1)	0,970
ACTIVE MATERIAL	14,1		

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS OR UN number	%	TLV (units)
ISOPROPANOL	CAS 67-63-0	7-13	400 ppm
METHANOL	CAS 67-56-1	7-13	200 ppm

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 38°C	pmcc
FLAMMABLE LIMITS	LOWER:2 UPPER:2
EXTINGUISHING MEDIA:	ALCOHOL FOAM,CARBONE DIOXIDE,DRY CHEMICAL,WATER FOG
SPECIAL FIRE FIGHTING PROCEDURES:	EVACUATE HAZARD AREA,WEAR ADEQUATE RESPIRATORY AND CLOTHING PROTECTION,COOL FIRE-EXPOSED CONTAINERS WITH WATER
UNUSUAL FIRE AND EXPLOSIVE HAZARDS:	N/A
AUTOIGNITION TEMPERATURE:	399°C
DATE: September 15, 2009	Phone:(613) 962-0437

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TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: 400 ppm

EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: Slightly irritating; prolonged or repeated contact with skin may cause irritation and allergic dermatitis

EYE CONTACT: MAY CAUSE BURNS

INHALATION MAY CAUSE EYE AND RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA, INCOORDINATION, DROWSINESS AND LOSS OF CONSCIOUSNESS

INGESTION MAY BE FATAL, SEE A PHYSICIAN

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: WASH CONTAMINATED SKIN WITH MILD SOAP AND WATER

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, SEE A PHYSICIAN

INHALATION REMOVE VICTIM FROM FURTHER EXPOSURE AND RESTORE BREATHING IF REQUIRED

INGESTION DO NOT INDUCE VOMITING, OBTAIN MEDICAL HELP IMMEDIATELY.

REACTIVITY DATA

STABLE: STABLE

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY WITH: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: CARBONE OXIDES

HAZARDOUS POLYMERIZATION:

NO

CONDITIONS TO AVOID: N/A

SPILL OR LEAK PROCEDURES

PREVENTIVES MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

ELIMINATE ALL IGNITION SOURCES. IN CASE OF LARGE SPILLS, WEAR ADEQUATE CLOTHING AND RESPIRATORY PROTECTION. REMOVE SPILL WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SMALL SPILL AND/OR RESIDUE ABSORB WITH ABSORBANT MATERIAL AND REMOVE INTO TIGHTLY SEALED CONTAINERS

WASTE DISPOSAL METHOD:

DISPOSE OF IN AN APPROVED ENVIRONMENTAL FASHION: CONTROLLED BURNING OR LANDFILL IN AN (GOVERNMENT) APPROVED SITE

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A

VENTILATION MECHANICAL GENERAL

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: GOGGLES

OTHER PROTECTIVE EQUIPMENT: N/A

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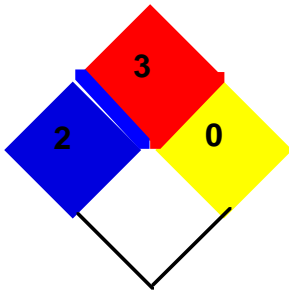
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SPECIAL PRECAUTIONS

STORAGE TEMPERATURE	MIN	N/A	MAX	N/A
TDG: TOXIC LIQUIDS, FLAMMABLE, ORGANIC, NOS(METHANOL) UN 2929 CLASS 6.1(3) PQ.GR. II PLACARDS 6.1 LABELS 6.1,3 + WAY-UP. STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS AND FLAME				

NFPA



SIMD / HMIS

Santé / Health 2
Inflammabilité / Flammability 3
Réactivité / Reactivity 0
Protection personnelle / Personal protection b