

MATERIAL SAFETY DATA SHEET

Maunco Cleaning Supplies Warehouse
270 Adam Street, Belleville, ON K8N 5S4
Phone: 613-962-0437

PRODUCT INFORMATION

PRODUCT NAME *PINE-ALL*

CHEMICAL FAMILY *INORGANIC SALTS / ESTERS*

WHMIS CLASS: *E*

PHYSICAL PROPERTIES

APPEARANCE AND ODOUR	LIQUID	YELLOW-GREEN	PINE
BOILING POINT (°C)	N.Av.	EVAPORATION RATE (nBuAc= 1)	N.Av.
VAPOR PRESSURE (mm Hg)	N.Av.	VISCOSITY (cps) 22°C 20rpm spindle # 1	6,25
VAPOR DENSITY (AIR = 1)	N.Av.	FREEZING POINT (°C)	N.Av.
SOLUBILITY IN WATER	COMPLETE	pH	12,9
VOLATILE BY VOLUME (%)	91,5	SPECIFIC GRAVITY (WATER = 1)	1,029
ACTIVE MATERIAL (%)	11,41	THEORICAL SOLID CONTENTS (%)	

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS OR UN number	%	TLV (units) ACGIH
ALPHA - TERPINEOL	CAS 98-55-5	1-5	N.Av.
POLY (OXY - ETHANEDIYL), - HYDRO - ALPHA - HYDROXY - MONO ALKYLEETHER, PHOSPHATE	CAS 68585-36-4	1-5	N.Av.
SODIUM METASILICATE	CAS 6834-92-0	1-5	N.Av.
NONYLPHENOXPOLYETHOXYETHANOL	CAS 9016-45-9	1-5	N.Av.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): <i>NON-FLAMMABLE</i>	
FLAMMABLE LIMITS	LOWER: <i>N/Av</i> UPPER: <i>N/Av</i>
EXTINGUISHING MEDIA:	<i>N/Av</i>
SPECIAL FIRE FIGHTING PROCEDURES:	<i>N/Av</i>
UNUSUAL FIRE AND EXPLOSIVE HAZARDS:	<i>N/Av</i>
AUTOIGNITION TEMPERATURE:	<i>N/Av</i>

DATE: *January 12, 2010* phone: *(450) 687-6666 1-800-661-6660 Marc Lessard,chemist*

DIRECTOR R&D

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TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: N.Av.
EFFECTS OF OVEREXPOSURE: SKIN CONTACT: IRRITATION & REDNESS EYE CONTACT: SEVERE IRRITATION INHALATION MAY CAUSE TRACK IRRITATION INGESTION SEVERE IRRITATION
EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT: RINCE WITH WATER EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES, CALL A PHYSICIAN INHALATION REMOVE VICTIM TO FRESH AIR INGESTION DRINK PLENTY OF WATER, CALL 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: RINCE WITH WATER
WASTE DISPOSAL METHOD: FOLLOW FEDERAL AND PROVINCIAL ORDINANCES FOR REMOVAL OF WATER BASE WATER DETERGENT AND PINE OIL

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/Av	
VENTILATION MECHANICAL GENERAL	
PROTECTIVE GLOVES: RUBBER	EYE PROTECTION: GOGGLES
OTHER PROTECTIVE EQUIPMENT: N/Av	

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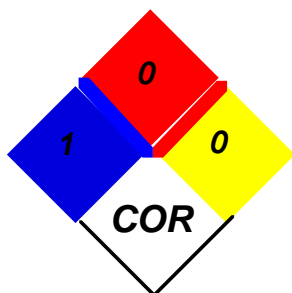
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SPECIAL PRECAUTIONS

STORAGE TEMPERATURE	MIN 1°C	MAX 43°C
TDG: 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