

MATERIAL SAFETY DATA SHEET

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

**PRODUCT INFORMATION**

PRODUCT NAME *NACID*  
CHEMICAL FAMILY *ACIDS*

WHMIS CLASS: *E*

**PHYSICAL PROPERTIES**

<i>APPEARANCE AND ODOUR</i>	<i>LIQUID</i>	<i>TURQUOISE</i>	<i>SOFTNER</i>
<i>BOILING POINT (°C)</i>	<i>N.Av.</i>	<i>EVAPORATION RATE (nBuAc= 1)</i>	<i>N.Av.</i>
<i>VAPOR PRESSURE (mm Hg)</i>	<i>5</i>	<i>VISCOSITY (cps) 22°C 20rpm spindle # 1</i>	<i>10 cps</i>
<i>VAPOR DENSITY (AIR = 1)</i>	<i>N.Av.</i>	<i>FREEZING POINT (°C)</i>	<i>N.Av.</i>
<i>SOLUBILITY IN WATER</i>	<i>COMPLETE</i>	<i>pH</i>	<i>1,5</i>
<i>VOLATILE BY VOLUME (%)</i>	<i>84,5</i>	<i>SPECIFIC GRAVITY (WATER = 1)</i>	<i>1,062</i>
<i>ACTIVE MATERIAL (%)</i>	<i>17,5</i>	<i>THEORICAL SOLID CONTENTS (%)</i>	

**HAZARDOUS INGREDIENTS**

<i>INGREDIENTS</i>	<i>CAS OR UN number</i>	<i>%</i>	<i>TLV (units) ACGIH</i>
<i>PHOSPHORIC ACID</i>	<i>CAS 7664-38-2</i>	<i>3 - 7</i>	<i>1 mg/mètre cube</i>
<i>CITIRC ACID</i>	<i>CAS 77-92-9</i>	<i>7 -13</i>	<i>N/Av</i>
<i>DIPROPYLENE GLYCOL METHYL ETHER</i>	<i>CAS 34590-94-8</i>	<i>1 - 5</i>	<i>100 ppm</i>

**FIRE AND EXPLOSION HAZARD DATA**

<i>FLASH POINT (Method used): NON-FLAMMABLE</i>		
<i>FLAMMABLE LIMITS</i>	<i>LOWER: N/AV</i>	<i>UPPER: N/AV</i>
<i>EXTINGUISHING MEDIA:</i>	<i>N/AV</i>	
<i>SPECIAL FIRE FIGHTING PROCEDURES:</i>	<i>N/AV</i>	
<i>UNUSUAL FIRE AND EXPLOSIVE HAZARDS:</i>	<i>N/AV</i>	
<i>AUTOIGNITION TEMPERATURE: N/AV</i>		
<i>DATE: September 27, 2009 phone:(450) 687-6666 1-800-661-6660 Marc Lessard,chemist</i>		

DIRECTOR R&D

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NACID

## TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE: 1 mg/mètre cube

### EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: MAY CAUSE IRRITATION AND MAY PRODUCE BURNS

EYE CONTACT: MAY CAUSE IRRITATION AND MAY PRODUCE BURNS

INHALATION MAY CAUSE TRACK IRRITATION

INGESTION INTERNAL CONTACT CAUSES IRRITATION OF INTESTINAL TRACT.

### EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER

EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER;OBTAIN MEDICAL ATTENTION

INHALATION REMOVE VICTIM TO FRESH AIR

INGESTION DILUTE WITH WATER,INDUCE VOMITING

## REACTIVITY DATA

STABLE: STABLE

CONDITIONS TO AVOID: KEEP FROM FREEZING

INCOMPATIBILITY WITH: ALCALINS

HAZARDOUS DECOMPOSITION PRODUCTS: N/A<sub>v</sub>

HAZARDOUS POLYMERIZATION: NO      CONDITIONS TO AVOID: N/A<sub>v</sub>

## SPILL OR LEAK PROCEDURES

### PREVENTIVES MEASURES

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

SMALL SPILL:FLUSH WITH WATER

LARGE SPILL:CONTAIN WITH SAND DIKES.NEUTRALIZE CAREFULLY WITH LIMESTONE OR SODA ASH

### WASTE DISPOSAL METHOD:

NEUTRALIZED ACID TO SEWERS OR LANDFILL

## SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A<sub>v</sub>

VENTILATION      MECHANICAL GENERAL

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: GOGGLES

OTHER PROTECTIVE EQUIPMENT: N/A<sub>v</sub>

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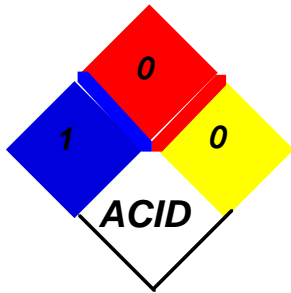
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**SPECIAL PRECAUTIONS**

STORAGE TEMPERATURE	MIN N/Av	MAX N/Av
TDG: CORROSIVE LIQUIDS, NOS(PHOSPHORIC ACID) UN 1760 CLASS 8 PQ.GR. II PLACARDS 8 LABELS 8 + WAY-UP. MAY FREEZE AT LOW TEMPERATURES		

NFPA



SIMD / HMIS

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