



# ALPINE

## SANITATION & SUPPLIES LTD.

**SERVICE FIRST**  
SOLUTION FOR ALL YOUR EXPECTATIONS

# MATERIAL SAFETY DATA SHEET

## POWER PAC

### PRODUCT INFORMATION

PRODUCT NAME: Power Pac  
GENERAL/GENERIC NAME:  
PRODUCT USE: Mechanical Dishwashing Detergent  
TDG HAZARD CLASSIFICATION: Corrosive Solid, Basic, Inorganic N.O.S. (Sodium Hydroxide)  
Class 8 UN 3262 Packing Group III  
WHMIS CLASSIFICATION: D2B  
VENDOR NAME AND ADDRESS: Alpine Sanitation & Supplies Ltd.  
24 Ronson Drive, Unit 16  
Etobicoke, Ontario M9W 1B4  
CANUTEC 613-996-6666  
24 HOUR EMERGENCY NO.

### HAZARDOUS INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Sodium Hydroxide	10 – 30	1310-73-2	TLV(ACGIH) 2 mg/m <sup>3</sup> PEL(OSHA) 2 mg/m <sup>3</sup>	LD50 140-340 mg/kg (oral/rat) LD50 1350 mg/kg (skin/rabbit)
Sodium Carbonate	5 - 15	497-19-8	None	LD50 4000 mg/kg (oral/rat)
Sodium	1 – 5	2893-78-9	TLV/TWA	LD50 700 mg/kg (oral/rat)
Dichloroisocyanurate			0.5 ppm	LD50 6000 mg/kg (skin/rabbit)
Sodium Metasilicate	15 – 30	6834-92-0	None	LD50 1280 mg/kg (oral/rat)

### PHYSICAL DATA

PHYSICAL STATE: Solid  
APPEARANCE AND ODOUR: Free flowing white powder  
ODOUR THRESHOLD: ND  
SPECIFIC GRAVITY: 1.1  
VAPOUR PRESSURE: ND  
VAPOUR DENSITY: ND  
PH: (1%) 12.7  
EVAPORATION RATE: ND  
INITIAL BOILING POINT: ND  
WATER SOLUBILITY: Complete  
FREEZING POINT: ND

### ***FIRE OR EXPLOSION HAZARD***

FLASH POINT: ND  
FLAMMABLE LIMITS: ND  
AUTO-IGNITION TEMP: ND  
EXTINGUISHING MEDIA: ND  
SPECIAL FIREFIGHTING PROCEDURES:  
EXPLOSION DATA: ND  
HAZARDOUS COMBUSTION PRODUCTS:

### ***REACTIVITY DATA***

STABILITY: Stable  
INCOMPATIBILITY: Acids  
HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine gas  
HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: Contact with acids will generate heat and chlorine gas.

### ***TOXICOLOGICAL PROPERTIES***

THRESHOLD LIMIT VALUE: ND  
EFFECTS OF ACCUTE EXPOSURE:  
SKIN CONTACT: Corrosive. May cause irritation.  
EYE CONTACT: Corrosive. May cause damage if not treated promptly.  
INHALATION: Corrosive. Breathing dust may cause irritation of the respiratory tract.  
INGESTION: Corrosive. May cause irritation to digestive tract.  
EFFECT OF CHRONIC EXPOSURE: Prolonged and repeated exposure to its dilutions may cause irritation, redness, pain, drying and cracking of skin.  
IRRITANCY OF PRODUCT: Serious  
CARCINOGENICITY: ND  
SENSITIZATION TO MATERIAL: ND  
REPRODUCTION TOXICITY: ND  
TERATOGENICITY: ND  
MUTAGENICITY: ND

### ***PREVENTATIVE MEASURES***

#### **PROTECTIVE EQUIPMENT TO BE USED:**

RESPIRATORY PROTECTION: Not required under adequate ventilation.  
VENTILATION: General ventilation adequate.  
PROTECTIVE GLOVES: Rubber  
EYE PROTECTION: Safety goggles  
OTHER PROTECTIVE MEASURES: ND

**SPILL OR LEAK PROCEDURES:** Contain spills; absorb onto inert material.

**WASTE DISPOSAL INFORMATION:** Dispose of in accordance with local, provincial and federal regulations.

### ***FIRST AID MEASURES***

SKIN CONTACT: Wash with soap and water.  
EYE CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.  
INHALATION: Remove to fresh air.  
INGESTION: DO NOT induce vomiting. Seek medical attention.

<b>PREPARATION INFORMATION</b>
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DATE REVISED:	October 22, 2008	NA	Not Applicable
DATE PREPARED:	October 13, 1999	ND	No Data Available
PREPARED BY:	Lab Personnel	NE	None Established
PHONE:	(416) 744-2120	NR	Not Regulated

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