

MATERIAL SAFETY DATA SHEET.SECTION (1) PRODUCT IDENTIFICATION AND USE:PRODUCT NAME: P-50 PRE-CLEANERPRODUCT USE: MEDIUM-STRENGTH INDUSTRIAL CLEANER.WHMIS CLASSIFICATION: B3, D2b.SUPPLIERS NAME: Pinnacle West Enterprises Inc.
31897 Mercantile Way,
Abbotsford, B.C. V2T 4C3.TELEPHONE: (604) 854-5968.FAX: (604) 854-5918.EMERGENCY PHONE: (Canutec) (613) 996-6666.SECTION (2) HAZARDOUS INGREDIENTS:

Sodium Silicate.	3-7 %w/w CAS # 6834-92-0 LD50: (Oral, Rat); 1280 mg/kg LC50: No Data Available.
Ethyleneglycol monobutyl ether.	3-7 %w/w CAS # 111-76-2 Exposure limits: Acgih TLV (Skin) 25 ppm LD50: (Oral, Rat); 0.5-3.0 g/kg LD50: (Dermal, Rabbit); 0.4 g/kg LC50: (Rat, 4 Hrs); 450 ppm
Dodecylbenzene sulphonic acid Sodium Salt.	1-5 %w/w CAS # 2211-98-5 LD50: No Data Available. No Data Available.
Iso-Propyl Alcohol.	1-5 %w/w CAS # 67-63-0 LD50: (Oral, Rat); 5840 mg/kg. LC50: (Rat, 8 Hrs); 16000 ppm

SECTION (3) PHYSICAL DATA:

Physical state:	Liquid.
Appearance:	Green.
Odour:	Mild, Indistinct.
Odour threshold: (ppm)	No Data Available.
Vapour pressure: (mm Hg)	As Water.
Vapour density: (Air=1)	As Water.
Evaporation rate: (Butyl Acetate=1)	< 1
Boiling point:	100°C Approx.
Freezing point:	No Data Available.
pH:	12.6-13.0
Specific Gravity:	1.1
Water/oil distribution coefficient:	No Data Available.

SECTION (4) FIRE & EXPLOSION DATA:

Flammability: Yes (X) No ()

If yes under what conditions? Combination of heat & ignition.

Means of extinction: Water Fog, Foam, CO₂, Dry chemical.

Flash point & method: 62°C. (tcc)

Flammability limits: (v/v in air) Upper: No Data Available.

Lower: No Data Available.

Auto ignition temperature: (°C) No Data Available.

Hazardous combustion products: Black Smoke, Oxides of Carbon.

Explosion data: Sensitivity to impact: None known.

Sensitivity to static discharge: None known.

SECTION (5) REACTIVITY DATA:

Chemical stability: No () Yes (X)

If no, under what conditions?

Incompatibility with other substances: No () Yes (X)

If yes, which ones? Acids, Strong oxidizers.

Reactivity data: Stable (X) Unstable ()

If unstable, Under which conditions?

Hazardous decomposition products: Iso-Propyl Alcohol &

Glycol Ether Vapours prior to ignition.

SECTION (6) TOXICOLOGICAL PROPERTIES:

Route of entry: Skin contact (X) Skin absorption (X)

Eye contact (X) Inhalation (X) Ingestion (X)

Effects of acute exposure to product:

SKIN CONTACT: Irritant.

EYE CONTACT: Liquid: Severe irritant.

Vapour: Mildly irritant.

INHALATION: Mists: May be irritant to respiratory tract.

Vapour: Mildly irritant at high concentrations.

May cause headaches.

INGESTION: Irritating to digestive system. May cause nausea.

Effects of chronic exposure to product: Hematological injury, (hematological anemia); hematuria; possible damage to the liver, spleen and kidneys.

Exposure limits: No Data Available.

Irritancy of product: Irritant to eyes, nose & skin.

Sensitization to product: No Data Available.

Synergistic products: No Data Available.

Teratogenicity: No Data Available.

Reproductive toxicity: No Data Available.

Mutagenicity: No Data Available.

Carcinogenicity: The ingredients of this product are not considered to be carcinogens by The National Toxicity Program, The International Agency for Research on Cancer or the Occupational Safety and Health Administration.

SECTION (7) PREVENTIVE MEASURES:

Gloves: PVC or Nitrile rubber.
Respirator: Not Normally Required.
Eye protection: Chemical goggles or face shield.
Footwear: No special requirements.
Clothing: Impervious (PVC or Rubber) clothing recommended.
Other: Eyewash station should be available.
Engineering controls: Sufficient to reduce vapours to acceptable levels.
Leak & spill procedure: Stop leak. Absorb into inert mineral absorbent (floor dry) & place into an inert disposable container. Wash down floor. Wash small spills (1L) to drain.
Waste disposal procedure: Dispose of according to local municipal regulations.
Handling procedure & equipment: No special requirements.
Storage requirements: Between 0°C & 40°C. Keep containers tightly closed when not in use.

SPECIAL SHIPPING INSTRUCTIONS: None

SECTION (8) FIRST AID MEASURES:

SKIN CONTACT: Wash well with plenty of water for 15 minutes.
If irritation develops contact a physician.
EYE CONTACT: Immediately flush with plenty of running water for 15 minutes, lift eyelids occasionally.
Contact a physician at once.
INHALATION: Remove to fresh air. Contact a physician.
INGESTION: If awake, give plenty of water to drink & Transport to a medical facility.
Do not induce vomiting.

SECTION (9) PREPARATION DATA:

The information supplied in this data sheet is derived from sources believed to be reliable, however PACE CHEMICALS LTD. offers no warranty, written or implied, as to the accuracy of its contents. We advise recipients to confirm in advance of need that the information is current, suitable and applicable to their requirements.

Prepared by : Technical Services
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