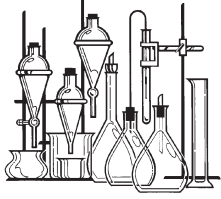


# TECHNICAL DATA



## ***PRESOLVE***

### **ACID PRE-SOAK FOR TOUCHLESS WASHES**

PRE-SOLVE is a clear, yellowish liquid designed specifically for a presoak in touchless vehicle washing. when followed by an application of an alkaline cleaner such as MONTOUCH or TRANSDET, the results are extremely positive. PRE-SOLVE contains mineral acids and a blend of water miscible solvents and surface active agents.

PRE-SOLVE is particularly effective in cleaning the chrome, aluminum, and stainless steel gas tanks on large trucks.

### ***ADVANTAGES***

1. Harmless to glass.
2. Safe for all painted surfaces.
3. Rinses easily leaving a streak free surface.
4. Non-Flammable.
5. Easy to use.
6. Wide range of cleaning applications.

### ***APPLICATION***

Dilute PRE-SOLVE with up to seventy parts water depending upon severity of cleaning surface. PRE-SOLVE is usually applied through a low pressure arch. Alternatively dilute PRE-SOLVE may be sprayed onto the surface using a polyethylene or plastic container, or apply diluted product to surface for no more than 10-15 seconds. Finally, rinse well.

MONDO PRODUCTS COMPANY LIMITED recommends that normal precautions for handling acidic liquids be followed. ie safety glasses and rubber gloves.

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product Identification and Use.

**Product Name:** Presolve

**Use:** Acid Presolve for Car Washes

**Manufacturer:**

Mondo Products Company Limited  
695 Westney Road South  
Unit #1, Ajax, Ontario L1S 6M9  
Emergency No. : 1-800-465-5676  
Canutec No.: 1-613-996-6666

**Supplier:**

Same

**TDG Hazard Classification:** Phosphoric Acid solution 8(92)III

**WHIMIS Classification:** E

## Section 2 - Hazardous Ingredients

Hazardous Ingredients	%w/w	PIN/CAS #	LD 50	LC 50
Sodium Dodecylbenzene Sulphate	5-20	25155-30-0	n/a	n/a
Phosphoric Acid	1-3	7664-38-2	1530mg/kg	n/a
Alcohol Ethoxylates	5-10	68439-46-3	n/d	n/d

## Section 3 - Physical Data

**Physical State :** Liquid

**Appearance / Odour :** Yellowish, Mild Odour

**pH :** 1.5

**Freezing Point (~C) :** n/d

**Vapour Pressure :** Same as Water

**Solubility In Water: (20~C) :** Soluble

**Boiling Point (~C) :** 100

**Coefficient of Water/Oil Distribution :** n/d

**Evaporation Rate :** n/d

**Specified Gravity (g/cc) :** 1.35

**Vapour Density :** Same as Water

**Percentage Volatile :** >75%

**Odour Threshold (PPM):** n/d

## Section 4 - Fire and Explosion Data

**Flammable** [ ] Yes [ X ] No

**Flash Point (~C) :** n/a

**Auto Ignition Temp (~C) :** n/a

**Extinguishing Media :** Water [X]; Dry Chemical [X]; Carbon Dioxide [X]; Foam[X]

**Special Fire Fighting Procedures :** Normal fire fighting procedures may be used.

**Hazardous Combustion Products :** Oxides of Carbon, Nitrogen and products of incomplete combustion.

**Explosive Sensitivity :** none

## Section 5 - Reactivity Data

**Stability :** [ ] Stable [ X ] Unstable [ ]

**Conditions to Avoid :** none known

**Incompatibility (Materials to Avoid) :** Alkine or Chlorinated materials.

**Hazardous Decomposition Products :** Alkine products produce heat. Chlorinated products produce chlorine gas.

**Conditions of Reactivity :** n/a

## Section 6 - Toxicological Properties

### Effects of Acute Exposure to Materials

**Eyes** : Corrosive. Severe irritation. May cause permanent damage if not treated promptly.

**Skin** : Corrosive. Severe irritation. May cause permanent damage if not treated promptly.

**Ingestion**: Corrosive. Severe irritation. Causes gastritis, ulcerations, and scarring of digestive tract.

**Inhalation**: Mist may irritate nose, throat and lungs.

**Effects of Chronic Exposure to Materials** : n/d

## Section 7 - Preventative Measures

### Personal Protective Equipment

**Gloves** : Rubber Gloves

**Other** : Impervious Clothes

**Footwear** : Rubber Boots

**Eye Protection**: Chemical Goggles

**Respiratory Equipment**: None Required.

**Special Handling Procedures**: Avoid contact with skin and eyes.

**Ventilation Requirements** :Use a well ventilated area.

Incompatibility: None Known

**Spill Procedures** : Small spills - flush with water. Large Spill - contain and collect in a container.

Flush spill area with large volumes of water.

**Waste Disposal**: Dispose in accordance with all Local, Provincial and Federal Regulations.

**Storage Requirements**: Store in a cool, dry area, in a closed container. Avoid freezing.

## Section 8 - First Aid Measures

**Eyes**: Flush with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a Physician.

**Skin**: Wash contaminated area with warm water. If irritation continues get medical attention.

**Ingestion**: If victim is conscious administer 1-2 glasses of water. Contact a Physician.

**Inhalation**: Remove victim to fresh air. Contact a Physician if breathing difficulties persist.

Additional information: n/a

## Section 9 - MSDS Preparation

**Sources Used** : MSDS, WHIMIS Regs.

**Preparation Date** : October, 2010

Prepared By: Mondo Products Company Limited  
Lab Personal  
695 Westney Road South  
Unit #1  
Ajax, Ontario  
L1S 6M9

Emergency No.: 1-800-465-5676

Canutec No.: 1-613-996-6666