



Transchem Pro Inc.
745 McClintock, Ste 330
Burr Ridge, IL 60527

Material Safety Data Sheet

EMERGENCY SPILL PHONE: 1 (800) 535-5053 (INFOTRAC)

MSDS No: HP-82

EMERGENCY MEDICAL PHONE: Contact Your Local Poison Control Center

PRODUCT INFORMATION PHONE: 1 (877) 857-3870

NFPA Hazard Ratings: Health 2, Flammability 0, Reactivity 0

HMIS Hazard Ratings: Health 2, Flammability 0, Reactivity 0, Protection B

Prepared By: Technical Group, Phone: 1 (877) 857-3870

Date Issued: September 01, 2013

1- MATERIAL IDENTIFICATION

PRODUCT NAME: FRICTIONLESS PRE-SOAK, HP-82

Chemical Family: Surfactant Solution, Additives

Material Use or Occurrence: Frictionless Pre-Soak

2- IMPORTANT INGREDIENTS

<u>CHEMICAL NAME</u> (Synonyms)	<u>CAS No.</u>	<u>PERCENT</u>	<u>PEL/TLV/TWA</u>		<u>CARCINOGEN</u> (OSHA,NPT,IARC)
			<u>OSHA</u>	<u>ACGIH</u>	
Water	7732-18-5	60-70%	N/A	N/A	No
Tetrasodium EDTA	64-02-8	3-7%	N/A	N/A	No
Sodium Metasilicate	6834-92-0	3-7%	N/A	N/A	No
Alcohol ethoxylate	68439-46-3	3-7%	N/A	N/A	No
Sodium Hydroxide	1310-73-2	2-4%	N/A	2 mg/m ³	No
Alkyl dimethylamine oxide	1643-20-5	1-5%	N/A	N/A	No

3- CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: 100°C

Specific Gravity: 1.11 g/cc

Solubility In Water: Complete

Evaporation Rate: Similar to water

Coefficient of Oil/Water Distribution: n/av

Appearance: Blue liquid

Melting Point: n/av

Vapor Pressure: n/av

Vapor Density (Air=1) Similar

% Non-volatile: 15-30%

pH: 13-13.6

Odor: Mild

4- FIRE AND EXPLOSION DATA

Flash Point (Seta Flash Cl. Cup): N/A Explosive Limits: Lower: n/ av

Upper: n/ av

Extinguishing Media: N/A

Special Fire Fighting Procedures and Hazards: N/A

5- REACTIVITY INFORMATION

Stable: X

Unstable:

Precautions: None

Hazardous Polymerization Occurs:

Does Not Occur: X

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Product: N/A

6- HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Inhalation:

- Can cause nose, throat and respiratory tract irritation, coughing and headache.
- Respiratory actions not normally required if good ventilation is maintained and exposure guidelines are not exceeded.
- Remove to fresh air. If symptoms persist, seek medical attention.

Skin:

- Acute exposure can cause moderate to high irritation.
- Prolonged or repeated exposure can cause drying, defatting and dermatitis.
- Wear PVC, Latex rubber or Neoprene gloves. Confirm with reputable supplier first.
- Flush with water. Call a doctor if irritation develops. Completely decontaminate clothing, shoes, and leather goods before reuse or discard

Eyes:

- Contact can cause severe irritation, reddening and swelling of tissues around the eyes.
- Prolonged exposure can cause eye irritation problems.
- Wear chemical splash goggles.
- Immediately flush with water for 15 minutes. Call a doctor immediately

Ingestion:

- Product may cause vomiting, headache and medical problems
- Avoid swallowing. Wear face shield if face contact with concentrated product is likely.
- Rinse mouth. Do not induce vomiting. Drink one glass of water. Get prompt medical attention.

**IN ALL CASES: GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.
KEEP OUT OF REACH OF CHILDREN.**

Most likely routes of entry: Skin, Eyes, Inhalation, Ingestion.

7- PRECAUTIONS FOR SAFE HANDLING AND USE

Personal Protective Equipment: Gloves: Use impervious gloves. Respiratory: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Eye: Chemical Splash goggles or full face mask. Other: Eye bath, safety shower, full protective clothing.

Spills and Leaks: Before attempting clean-up, refer to hazard data given. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Storage and Handling: Use good housekeeping practices in storage. Keep containers closed. Store away from incompatible materials.

Waste Disposal: In accordance with applicable local, state, and federal regulations. This is not a RCRA hazardous waste as of this date.

Empty Containers: Rinse thoroughly before handling, reuse, disposal, or recycling.

8- REGULATORY INFORMATION

DOT (HM-181) USA: CORROSIVE LIQUID, Basic, Inorganic, N.O.S. (Sodium Metasilicate, Sodium Hydroxide); Class 8; UN3266, PG III.

[Int'l. (IMDG)]: CORROSIVE LIQUID, Basic, Inorganic, N.O.S. (Sodium Metasilicate, Sodium Hydroxide); Class 8; UN3266, PG III.

SARA, Title III: Reportable for Section 313(Form R): No listed substances.

TSCA INVENTORY: All ingredients are commercially available and presumed to be listed by manufacturer.

CALIFORNIA PROP. 65: No listed substances are known to be present.

NEW JERSEY LABEL INGREDIENTS: Water (CAS # 7732-18-5), Tetrasodium EDTA, (64-02-8), Sodium Metasilicate, (6834-92-0), Alcohol ethoxylate, (68439-46-3), Sodium Hydroxide, (1310-73-2), Alkyl dimethylamine oxide, (1643-20-5).

CANADA EPA DSL INVENTORY: Consult Transchem Pro Inc. regarding status of ingredients.