SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION.

HPI Processes Inc
1030 Revenue Drive
Telford, PA 18969
215/799-0450
INFOTRAC: 800-535-5053

PRODUCT NAME: **HPI EL Liquid Detergent 5g pail**
PRODUCT DESCRIPTION: Clear Light amber, mild odor
CHEMICAL FAMILY: Alkaline detergent
REVISION DATE: 04/09/08 PRINT DATE: 08/26/08 PRINT TIME: 13:18

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS.

Hazard	CAS #	WT/Wt % Less Than
POTASSIUM SILICATE	1312-76-1	<10

ACGIH TLV: NE (TWA);
OSHA PEL: NE (TWA);
5MG/M3 Ceiling.

NOTE 1 - Section 313 Supplier Notification: "SARA Rep." identifies chemical ingredients subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986. This information should be included in all MSDS's that are copied and distributed for this material.

SECTION 3 - HAZARDS IDENTIFICATION

HEALTH---------- 2
INSTABILITY---------- 0
FIRE---------- 0
OTHER---------- X

Hazard Signal (short term contact or inhalation only)
HAZARD SIGNAL (short term contact or inhalation only):
(0=insignificant; 1=slight; 2=moderate; 3=high; 4=extreme)

THRESHOLD LIMIT VALUE: N.E., blended product. See Section 2 for information on listed ingredients.

PRIMARY ROUTES OF ENTRY: Eye contact, Skin contact, Inhalation of spray.

EFFECTS OF ACUTE OVEREXPOSURE:
Eyes - Severe irritation, or burns possible.
Skin - Irritation, or burns possible with prolonged contact.
Inhalation of dust of mist of product or solution - Irritation of respiratory tract.
Swallowing - Irritation or burns of mouth, throat and stomach. Stomach upset.

EFFECTS OF CHRONIC OVEREXPOSURE: Unknown; none expected beyond acute effects.

CARCINOGENICITY: This product or its ingredients have not been identified as a carcinogen or probable carcinogen by NTP, IARC monographs, or OSHA.

EYES - Immediately flush with cool running water holding eye lids apart. Remove contact lenses if present, and continue flushing for 15 minnutes. Get medical assistance.

SKIN - Immediately flush with cool running water for 15 minutes. Remove contaminated clothing and wash before reuse. If irritation or burn develops and persists, get medical advice or assistance.

INHALED - Remove to fresh air. Immediately call for medical advice or assistance if breathing difficulty or irritation is severe or continues.

SWALLOWED - Rinse mouth with large amounts of water. Drink water, milk or other fluids to dilute. Do not induce vomiting unless directed by medical personnel. Immediately call for medical advice or assistance.

SECTION 5 - FIRE FIGHTING MEASURES.

FLASH POINT	none
FLAMMABLE LIMITS LEL-UEL	NA

Extinguishing media: As needed for surrounding fire.

Special Fire Fighting Procedures: For any chemical fire wear self contained breathing apparatus, and protective clothing to prevent contact.

Unusual Fire and Explosion Hazards: None.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES.

Small Spills, less than 1 gallon: Wear glasses and rubber gloves and recover as practical. Flush spill area to drain with excess water. Continue water flow.

Large Spills: Only knowledgeable and properly protected people should work with a large spill. Get professional assistance if necessary.
Stop source of discharge if safe to do so. Evacuate unprotected personnel from the immediate area. Contain spilled material, and keep from discharging to surface waters. Recover to drum for later use, treatment or disposal. Recover using alkali resistand pump, scoops, absorbent material, or other process as appropriate.
Neutralize contaminated area with a dilute solution of a mild acid such as vinegar or citric acid. Flush to drain.
Notify local, state, or national authorities if required.

Disposal: Product and un-neutralized solutions are strongly alkaline. Dispose of according to national, state, and local rules.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid unnecessary contact with product. Wear all protective equipment when handling product. Wash after use. Avoid breathing mists of product solution. Prevent contact with incompatible materials; see Section 10.

Storage: Keep container tightly closed. Keep from freezing; may rupture container or degrade product.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION.

Ventilation: General or local to avoid exposure to irritating mists.

Respirator: NIOSH/MSHA approved respirator where conditions may cause exposure limits to be exceeded from mists of solutions.

Eye Protection: Glasses, goggles, and/or face shield to prevent eye exposure.

Protective Clothing: Alkali resistant, impermeable gloves. Full body covering with rubber apron and shoes as needed to prevent contact.

Other Protective Equipment or Measures: Eye wash stations in the work area.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	>212 F
VAPOR PRESSURE(MM HG@70°F	<0.01
SPECIFIC GRAVITY	1.24
VAPOR DENSITY(AIR=1)	NE
PERCENT VOLATILE	70 (water)
EVAPORATION RATE(ETHER=1)	NE
SOLUBILITY IN WATER	complete
PH	<12.5 (100%)
APPEARANCE AND ODOR	See Section 1
V.O.C.	0

SECTION 10 - STABILITY AND REACTIVITY.

Stable: Yes. Hazardous Polymerization will not occur.

Conditions to Avoid: Contact with incompatable materials (see below).

Incompatable Materials: Strong oxidizing agents, strong acids.

SECTION 11 TOXICOLOGICAL INFORMATION

no data

SECTION 12 - ECOLOGICAL INFORMATION

no data

SECTION 13 - DISPOSAL INFORMATION

WASTE MANAGEMENT INFOMATION:
If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resorce Conservation and Recovery act (RCRA) 40 CFR 261.

But still check and dispose of in accordance with all applicable local, state and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT Information- 49 CFR 172.101

DOT Description: NON-REGULATED BY D.O.T.

CONTAINER/MODE: (LIQUID)Case/DRUM

SECTION 15 - REGULATORY INFORMATION

PRODUCT NAME: **HPI EL Liquid Detergent 5g pail**
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US FEDERAL Regulations: (TSCA Toxic Substances Control Act)Status
TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ-40 CFR 302.4 (a): none listed

SARA 302 COMPONENTS-40 CFR 355 APPENDIX A: NONE

SECTION 311/312 HAZARD CLASS - 40 CFR 370.2

SARA 313 COMPONENTS - 40 CFR 372.65: NONE

International Regulations Inventory Status: not determined

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

DISCLAIMER:
The above information is, to the best of our knowledge, current, accurate, and complete based on information reasonably availabe to us as of the date of preparation of this form. However, it is the users's reponsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us as to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exceptional conditions or circumstances exist or because of applicable laws or regulations.

NE = NOT ESTABLISHED / NA = NOT APPLICABLE

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