

MATERIAL SAFETY DATA SHEET

PRODUCT Purity

Laidlaw

HMIS HAZARD RATINGS:

Health 2
Flammability 0
Physical hazards 0



SECTION 1: PRODUCT INFORMATION

Manufacturer: Pariser Industries, Inc., 91 Michigan Avenue, Paterson, NJ 07503
EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)
Intended Product Use: Laundry detergent
Synonyms: _____

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Sodium metasilicate anhydrous	45.02	6834-92-0	None listed	
Sodium hydroxide	12.00	1310-73-2	2 mg/m ³	
Odorless mineral spirits	0.50	64742-48-9	300 ppm TWA	

SECTION 3: PHYSICAL DATA

Appearance: <u>Light tan powder</u>	Boiling Point: <u>No data</u>
Odor: <u>Bland</u>	Solubility in Water: <u>Soluble</u>
Specific Gravity (20° C): <u>1.77</u>	Vapor Pressure (mm Hg): <u>No data</u>
pH (1% soln. in H ₂ O): <u>11.3-12.7</u>	Vapor Density: <u>No data</u>

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): N/A Upper Flammable Limit: N/A
Lower Flammable Limit: N/A
Extinguishing Media: For fires involving this product, water spray, carbon dioxide, foam or dry chemical may be used.
Special Fire Fighting Procedures: Self-contained positive pressure breathing apparatus and protective clothing should be worn. Water spray may be used to control dust.
Unusual Fire and Explosion Hazards: Firefighters should wear self-contained positive-pressure breathing apparatus and avoid skin contact.

SECTION 5: REACTIVITY DATA

Stability: Stable Conditions to Avoid: See incompatibility below
Incompatibility (materials to avoid): Mixture with water, acid or incompatible materials may cause release of large amounts of heat. Will react in the presence of moisture with some metals forming flammable hydrogen gas.
Hazardous Decomposition Products: Will not decompose
Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slight
Effects of Overexposure: Acute: Corrosive to all body tissues with which it comes in contact. May damage the upper respiratory tract and lung tissue which could produce chemical pneumonia depending upon severity of exposure.
Chronic: None known
Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

EXPOSURE LIMITS 2 mg/m ³ (sodium hydroxide), 300 ppm TWA (odorless mineral spirits)	IRRITANCY OF PRODUCT Moderate eye and skin	SENSITIZATION TO PRODUCT None reported	CARCINOGENICITY No components are listed by ACGIH, IARC, or OSHA
TERATOGENICITY No effects reported	REPRODUCTIVE TOXICITY No effects reported	MUTAGENICITY None reported	SYNERGISTIC PRODUCTS None reported

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH/MSHA approved respirator for particulates. Local exhaust, ventilate as required.

Ventilation: General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment should be explosion proof.

Protective Gloves: Neoprene gloves should be worn. Gloves may be decontaminated by washing with mild soap and water.

Eye Protection: Eye glasses or goggles should be worn in dusty areas.

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING:

Do not puncture, drag or slide containers. Do not smoke in any chemical handling or storage area. Store in a cool, dry and well-ventilated location. Protect from humidity. Keep containers tightly closed. Store away from incompatible materials.

SPILL OR LEAK PROCEDURES:

Spills should be removed by using a vacuum truck. Neutralize remaining traces of material with any dilute inorganic acid. The spill area should then be flushed with water followed by liberal covering of sodium bicarbonate.

WASTE DISPOSAL METHOD:

If material cannot be salvaged, the preferred method of disposal is in a secure chemical landfill in accordance with all local, state, and federal environmental regulations.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Use with adequate ventilation. Avoid prolonged breathing of dust. Avoid contact with skin and eyes.

FIRST AID:

Flush eyes with water for 15 minutes, holding lids open. Rinse skin with plenty of water. Wash contaminated clothing before reuse. If overexposed to dust, remove to fresh air. If ingested, give large quantities of water. Do NOT induce vomiting. Get medical attention for eye contact or ingestion.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: If overexposed to dust, remove to fresh air. Get medical attention if breathing becomes difficult.

Eyes: Flush with water for 15 minutes, holding lids open. Get medical assistance immediately.

Skin: Rinse with plenty of water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.

Ingestion: Give large quantities of water. Do NOT induce vomiting. Get medical assistance. Do not give anything by mouth to an unconscious person.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does not contain any components which are under the reporting requirements of SARA Title III, Section 313.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

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