

MATERIAL SAFETY DATA SHEET – PK-100 +

Manufactured by: Alklean Industries, Inc.
2111 Catalina
Pasadena, TX 77503

FOR EMERGENCY CALL INFOTRAC
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SECTION I – PRODUCT IDENTIFICATION

Product Name: PK-100 +
Synonyms: Mixture
Chemical Description: Alkaline
Intended Use: Detergent

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Sodium Matasilicate	6834-92-0	30-50%	ne	ne
D-Limonene	5989-27-5	<5	na	ne
Sodium Carbonate	497-19-8	25-40%	Ne	ne
Sodium Nitrite	7632-00-0	1-5%	Ne	ne
Ethoxylated Alcohol	Trade Secret	1-5%	Ne	ne

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: Tan Powder
pH:1% Solution 11.3-11.7

Boiling Point °F/C: N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Solubility in Water: Appreciable

Specific Gravity (Water=1): N/A
Melting Point (°F/C):
Evaporation Rate (Butyl Acetate=1): N/A

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): Does not burn or support combustion
Flammable Limits (LFL/UFL): N/A

Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Fire and Explosion Hazards: NONE

SECTION V – HEALTH HAZARD AND FIRST AID

Routes of Entry (Inhale, Ingest, Skin, Eye): HARMFUL OR FATAL IF SWALLOWED. Inhalation of dust may be irritating to nose, throat mouth and lungs. Can cause severe burns to eyes upon direct contact. Contact with skin can cause irritation or in some cases, burns.

Health Hazard (Acute and Chronic): NONE KNOWN
Carcinogen/Details: Carcinogen. NTP program: No
Carcinogen. LARC program: No
OSHA Regulated? No

Signs and Symptoms of Exposure: See "Health Hazard" above
Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures: INHALATION: Remove from exposure. Treat symptomatically.
INGESTION: Give large quantities of water. DO NOT induce vomiting. Get medical attention immediately.
EYES AND SKIN: Flush with large quantities of water for 15 minutes. Get Medical attention immediately.

SECTION VI – STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None
Incompatibles: All Acids
Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur

SECTION VII – HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Do not get solution on hands, skin or eyes. DO NOT re-use containers for any other purpose.

Respiratory Protection: Use NIOSH approved respirator for dust and mist.

Ventilation: Local exhaust is normally adequate. Use mechanical ventilation to keep below 2MG/M3 PEL if build-up of mist or vapors is likely.

Hand Protection: Chemical resistant rubber or neoprene gloves with gauntlets are recommended. Eye Protection: Chemical splash goggles and full face shield is recommended.

Other Protective Clothing/Equipment: Rubber apron when handling full strength. Alkali resistant slicker suit and rubber boots are recommended to prevent contact with skin and clothing.

Work/Hygienic Practices: Wash thoroughly after handling. Have eyewash accessible to use in handling area.

Storage: Store in cool, dry place. Keep container tightly closed when not in use.

Other Precautions: When diluting, add PK-100 + to water to avoid splattering. **Keep away from children and untrained personnel.** Have eyewash accessible to use in handling area.

SECTION VIII – SPILL AND DISPOSAL

Containment:

Clean-Up: Wear proper protective equipment to prevent eye and skin contact. Shovel up and containerize material followed by flushing with large quantities of water and dilute acid.

Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations. Dispose of in DOT approved container. Keep non-neutralized material out of sewers, surface water and soil. WASTE DISPOSAL METHOD: Check with Federal, State, and Local authorities for regulations regarding the disposal of RCRA Hazardous Waste.

Other Emergency Advice:

SECTION IX – TRANSPORTING

Precautions to be taken in transportation: Keep container tightly closed.

SECTION X – REGULATORY INFORMATION

None

SECTION XI – NFPA HAZARD RATINGS

	Health	1		
	Flammability	0		
	Reactivity	1		
0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe

SECTION XII – OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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