

MATERIAL SAFETY DATA SHEET – RIPPER 1

Manufactured by: Alklean Industries, Inc. For Chemical Emergency, call INFOTRAC 1-800-535-5053
2111 Catalina Outside U.S. call 001-352-323-3500
Pasadena, TX 77503 Date Prepared: 12/1/2008

SECTION I – PRODUCT IDENTIFICATION

Product Name: RIPPER 1
Synonyms:
Chemical Description:
Intended Use: Industrial Detergent

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Ethoxylated Alcohol	68439-45-2	1–5	NE	NE
Ethoxylated Alcohol	52623-95-7	1–5	NE	NE
Ethoxylated Alcohol	9036-19-5	1–5	NE	NE
Sodium Metasilicate	6834-92-0	5–10	NE	NE
Sodium Tripoly Phosphate	7758-29-4		NE	NE

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: purple liquid with mild odor pH: 11.8
Boiling Point °F/C: >212F Specific Gravity (Water=1): 1.03
Vapor Pressure (mm Hg): 23 Melting Point (°F/C): 32F
Vapor Density (Air=1): 1.2 Evaporation Rate (Butyl Acetate=1):
Solubility in Water: Soluble

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): N/A Flammable Limits (LFL/UFL): N/A
Extinguishing Media: Water, Dry Chemical, Carbon Dioxide, Foam
Special Fire Fighting Procedures: None
Fire and Explosion Hazards: None

SECTION V – HEALTH HAZARD AND FIRST AID

Routes of Entry (Inhale, Ingest, Skin, Eye): All
Health Hazard (Acute and Chronic): Eye burns and skin irritation; stomach irritation if ingested
Carcinogen/Details: No
OSHA Regulated?

Signs and Symptoms of Exposure: See "Health Hazard" above

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedures: Inhalation - Move to fresh air.
Ingestion - Drink water and seek immediate medical attention.
Skin - Flush with water. Seek medical attention if irritation persists.
Eyes - Flush with water and seek immediate medical attention.

SECTION VI – STABILITY AND REACTIVITY

Stability: Stable Conditions to Avoid:
Incompatibles: Strong acids, oxidizing agents
Hazardous Decomposition: N/A
Hazardous Polymerization: Will Not Occur Conditions to Avoid: N/A

SECTION VII – HANDLING AND STORAGE

Handling: Keep container closed when not in use.
Respiratory Protection: None needed
Ventilation: Use with adequate ventilation

Hand Protection: Rubber gloves
Other Protective Clothing/Equipment: Rubber apron or waterproof suit and boots.
Work/Hygienic Practices: Wash thoroughly after handling. Wash contaminated clothing before re-use.
Storage: Keep container tightly closed and store in dry area. DO NOT freeze.
Other Precautions: Keep away from children and untrained personnel.

SECTION VIII – SPILL AND DISPOSAL

Containment: Shut off leak.
Clean-Up: Flush area with water. Large spill should be diked with earth. Pump to salvage tank.
Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.
Other Emergency Advice:

SECTION IX – TRANSPORTING

DOT shipping class: Non-hazardous, cleaning compound; class 55
Keep from freezing.

SECTION X – REGULATORY INFORMATION

SECTION XI – NFPA HAZARD RATINGS

	Health	2		
	Flammability	0		
	Reactivity	0		
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.

SECTION XIII – REFERENCES

END