

MATERIAL SAFETY DATA SHEET – TUB MATE A&A

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

Telephone #: 281-479-5966
Toll free #: 800-458-6304
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SECTION I – PRODUCT IDENTIFICATION

Product Name: Tub Mate A&A
Synonyms:
Chemical Description:
Intended Use: Industrial parts washer detergent

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Furfuryl Alcohol	98-00-0	60-100%	10ppm TWA	10 ppm TWA

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: Dark brown liquid, mild odor
Boiling Point °F/C: >212° F
Vapor Pressure (mm Hg): 1@70°F
Vapor Density (Air=1): 3.4
Solubility in Water:
pH: 7-10%
Specific Gravity (Water=1): 1.15
Melting Point (°F/C): 32°F
Evaporation Rate (Butyl Acetate=1):

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): 170°F
Extinguishing Media: Water, Dry Chemical, Carbon Dioxide, Foam
Special Fire Fighting Procedures: None
Fire and Explosion Hazards: None
Flammable Limits (LFL/UFL):

SECTION V – HEALTH HAZARD AND FIRST AID

Routes of Entry (Inhale, Ingest, Skin, Eye): All
Health Hazard (Acute and Chronic): Acute: Headaches, nausea, eye burns. Chronic: Anemia, liver & kidney damage.

Carcinogen/Details:
OSHA Regulated?

Signs and Symptoms of Exposure: Headache, nausea, eye, nose and throat irritation.

Medical Conditions Generally Aggravated by Exposure: NA

Emergency and First Aid Procedures: Eyes: Immediately flush with water for 15 minutes. Get medical attention immediately. Skin: Wash thoroughly with water. Get medical attention if irritation persists. Inhalation: NA Ingestion: Induce vomiting, call a physician immediately.

SECTION VI – STABILITY AND REACTIVITY

Stability: Stable
Incompatibles: Acids
Hazardous Decomposition: Heat
Hazardous Polymerization: May Occur
Conditions to Avoid: Strong acids
Conditions to Avoid:

SECTION VII – HANDLING AND STORAGE

Handling: Store in cool dry area. Keep closed when not in use
Respiratory Protection: Avoid vapor accumulation
Ventilation: use with adequate ventilation
Hand Protection: Rubber gloves
Eye Protection: Safety glasses or goggles

Other Protective Clothing/Equipment: Rubber apron
Work/Hygienic Practices: Wash thoroughly after handling
Storage:
Other Precautions: Keep away from children and untrained personnel.

SECTION VIII – SPILL AND DISPOSAL

Containment: Shut off leak, if this can be done without injury. Flush area with water. Large spills should be diked with earth; then pump to salvage tank
Clean-Up: Absorb on dry earth or sand. Small spills can be flushed to sewer with plenty of water.
Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.
Other Emergency Advice:

SECTION IX – TRANSPORTING

SECTION X – REGULATORY INFORMATION

SECTION XI – NFPA HAZARD RATINGS

	Health	2		
	Flammability	1		
	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