

Material Safety Data Sheet
(WAM AF-102)



Date Prepared: February 5, 2004
Revision Date: December 4, 2006
INFOTRAC: 800-535-5053
Product Number: WCWT6AD-SF
Control Number:

PO Box 1700
Snohomish, WA USA 98291

Emergency Phone Number:
(800) 535-5053

SECTION I - IDENTIFICATION

Product Name: WAM AF-102
Product Description: Tower Treatment

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredient	Percent	CAS Number	PEL
Polydimethylsiloxane Emulsion	>1%	None	No Data Available

SECTION III - PHYSICAL/CHEMICAL DATA

Form: Liquid
Color: White
Odor: Characteristic
Boiling Point: 100.00 °C (212 °F)
Vapor Pressure: 22.664740 hPa
Specific Gravity: 1.00
Density lb./gal (kg/L): 8.35 (1.00)
pH(neat): NDA
pH(1% solution): NDA
Solubility in Water: Completely miscible

SECTION IV - FIRE AND EXPLOSION DATA

Flashpoint: Neither flammable nor explosive
Autoignition: Not determined.

Material Safety Data Sheet

(WAM AF-102)

Lower Explosion Limit (In Air, %): Not determined.
Upper Explosion Limit (In Air, %): Not determined.
Extinguishing Media: AFFF alcohol compatible foam. Carbon dioxide. Dry chemical.
Water-Use Fine Spray or Fog. Water may be used to cool tanks and structures adjacent to the fire.
Hazardous Combustion Products: Various hydrocarbon fragments, carbon dioxide, formaldehyde, carbon monoxide, silicon dioxide.
Special Fire Fighting Procedures: Full turn-out gear and Self Contained Breathing Apparatus (SCBA) should be worn when fighting large fires.
Unusual Fire and Explosion Hazards:Material does not burn. This material does not present any unusual fire or explosion hazards.

SECTION V – REACTIVITY DATA

Hazardous Polymerization: Hazardous polymerization does not occur.
Incompatibility: None known.
Hazardous Decomposition Products:If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

SECTION VI – HEALTH DATA

Listed Carcinogen: There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels. **California Proposition 65 Carcinogens:** 75-21-8 Ethylene oxide, 75-07-0 Acetaldehyde, 123-91-1, 1, 4-Dioxane. **California Proposition 65 Reproductive Toxins:** 75-21-8 Ethylene oxide, 108-88-3 Toluene
Medical Conditions Aggravated by Overexposure:None.
Inhalation: Causes respiratory tract irritation. May cause mucous membrane irritation.
Ingestion: May cause stomach irritation, pain and nausea.
Eyes: May cause slight irritation.
Skin (Dermal): May cause skin irritation.

SECTION VII – FIRST AID

Breathing (Inhalation): Get medical attention if irritation occurs or if breathing becomes difficult. If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.
Swallowing (Ingestion): For ingestion, if conscious, give no more than two glasses of water and induce vomiting. Vomiting can be induced by giving Syrup of Ipecac. Give fluids until the vomitus is clear. If unconscious place and transport in stable sideways position.

Material Safety Data Sheet

(WAM AF-102)

Eyes: If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min. Keep eyelids well open to rinse the whole eye surface and eyelids with water.

Skin (Dermal): If contact with skin, immediately flush skin with plenty of water for at least 15 min. Remove contaminated clothing and shoes.

SECTION VIII – EMPLOYEE PROTECTION

Respiratory Protection: Respiratory protection is only necessary if long term or high level exposures are likely to occur. A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur. If eye-irritating dusts or vapors are present, a full-face respirator should be worn.

Eye Protection: Safety glasses with side shields. Additional eye and face protection, splash-proof goggles, hood, full-faced respirator, or face shield is recommended if splashing could occur.

Protective Gloves: Butyl rubber protective gloves.

Protective Clothing: Additional skin protection, such as SARANEX coated Tyvek apron, over-sleeves, lab coat, coveralls, or protective suit should be worn if splashing could occur. Provide eye bath and safety shower.

Ventilation Requirements: No special ventilation required.

Work/Hygiene Practices: Avoid breathing dust/vapor/mist/gas/aerosol. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing.

Additional Measures: Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

SECTION IX – SPILL AND DISPOSAL DATA

Spill: Prevent material from entering waters, sewage water or soil. Dam in any fluid that runs out using suitable material (e.g. earth). Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

Waste Disposal: Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

Material Safety Data Sheet

(WAM AF-102)

SECTION X – TRANSPORTATION DATA

DOT Shipping Name: Industrial Process Compound, Water Treating, Liquid
UN/NA Number: None
Reportable Quantity: Not Est

SECTION XI – OTHER REGULATORY INFORMATION

TSCA Status: All components listed in TSCA inventory.
SARA Section 302: SARA Section 302 (Extremely Hazardous Substances): Not Listed, No TPQ
SARA Section 311: SARA Section 311, 312 (Hazardous Substances): Hazard Class: Acute Health Hazard, TPQ 10,000 lbs
SARA Section 312: SARA Section 311, 312 (Hazardous Substances): Hazard Class: Acute Health Hazard, TPQ 10,000 lbs
Sara Section 313: SARA Section 313 (Reportable Ingredients): Not listed, No threshold amount.
HMIS Health: 1
HMIS Flammability: 0
HMIS Reactivity: 0
HMIS Personal Protection: C

SECTION XII – HANDLING AND STORAGE

Storage Requirements: Protect against frost. Protect against sun. Minimum temperature limit during storage and transportation: 0°C (32 °F). Maximum temperature limit during storage and transportation: 32 °C (89 °F). Temperature limit to maintain product quality.
Handling Procedure: Stir well before use. Spilled substance increases risk of slipping. No special precautions against fire and explosion required.
Conditions to avoid: None known.

SECTION XIII – TOXICOLOGICAL AND ECOLOGICAL INFORMATION

Toxicity: Toxicological testing has not been conducted with this material.
Aquatic Toxicity Study: According to past experience toxicity to fish is improbable.
BOD: **BOD5-Value:** 83.2 MG/G mg 02/g Substance
COD: **COD-Value:** 476 MG/G mg 02/g Substance

SECTION XIV – ADDITIONAL INFORMATION

Additional: This material does not contain any chemicals known to the state of California to cause reproductive effects.

Material Safety Data Sheet

(WAM AF-102)

ABBREVIATIONS

ACGIH=American Conference of Governmental Industrial Hygienists

OSHA=Occupational Safety and Health Administration

TLV=Threshold Limit Value

PEL=Permissible Exposure Limit

TWA=Time Weighted Average

STEL=Short-Term Exposure Limit

This information is furnished without warranty, expressed or implied, except it is accurate to the best knowledge of Waterside Asset Management. Neither Waterside Asset Management nor any of its distributors assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Waterside Asset Management assumes no legal responsibility for loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use or disposal of this product.