

Material Safety Data Sheet

(WAM C-304)



Date Prepared: March 26, 2004
Revision Date: March 7, 2006
INFOTRAC: 800-535-5053
Product Number: WCWT4EB-SF
Control Number:

PO Box 1700
Snohomish, WA USA 98291

Emergency Phone Number:
(800) 535-5053

SECTION I - IDENTIFICATION

Product Name: WAM C-304
Synonyms: Cooling Water Treatment
Chemical Family: Water Treatment Blend
Formula: Proprietary
Product Description: Tower Treatment

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredient	Percent	CAS Number	PEL
Sodium Hydroxide	1-10%	1310-73-2	2 mg/ m ³ TWA
Acrylic Polymer	1-10%	Proprietary	Not Established
2-phosphonobutane-1,2,4-tricarboxylic acid	1-10%	37971-36-1	No data available

SECTION III - PHYSICAL/CHEMICAL DATA

Form: Liquid
Color: Straw
Odor: No appreciable odor
Boiling Point: >212°F
Freeze Point: ~32°F
Melting Point: Not established
Vapor Pressure: No data available
Vapor Density (Air=1): Not established
Specific Gravity: 1.056
Density lb./gal (kg/L): 8.81 (1.06)
pH(neat): 12.0 to 13.0
pH(1% solution): 11.4 to 12.4
Solubility in Water: Complete

Material Safety Data Sheet

(WAM C-304)

Evaporation Rate: 1 (water = 1)
Volatility including Water: No data available
Molecular Weight: No data available

SECTION IV – FIRE AND EXPLOSION DATA

Flashpoint: Non combustible
Autoignition: Neither flammable nor explosive
Flammable Limits: Not flammable
Lower Flammability Limit (In Air, %):.....None
Upper Flammability Limit (In Air, %):None
Explosion Limits: Neither reactive nor explosive
Lower Explosion Limit (In Air, %):Neither reactive nor explosive
Upper Explosion Limit (In Air, %):Neither reactive nor explosive
Extinguishing Media: Non combustible. Employ extinguishing media appropriate to surrounding materials.
Hazardous Combustion Products: Thermal decomposition may release carbon dioxide and carbon monoxide.
Special Fire Fighting Procedures: Wear NIOSH-approved self-contained breathing apparatus. Use water spray to keep containers cool and to knock down fumes.
Unusual Fire and Explosion Hazards:Product is non-flammable as supplied. It may splatter if the temperature exceeds the boiling point. Dried polymer films are capable of burning.

SECTION V – REACTIVITY DATA

Stability: Stable under normal conditions.
Hazardous Polymerization: Hazardous polymerization does not occur.
Incompatibility: Substances which react with water.
Hazardous Decomposition Products:Carbon dioxide and carbon monoxide

SECTION VI – HEALTH DATA

Threshold Limit Value: Not established
OSHA PEL: Not established
Listed Carcinogen: This product contains no known or potential carcinogens
Medical Conditions Aggravated by Overexposure:Breathing of mist may aggravate asthma or other pulmonary diseases.
Inhalation: Residual vapors may be irritating to nose, throat and respiratory tract, producing symptoms of nausea in poorly ventilated areas.
Ingestion: Nausea and vomiting may occur.
Eyes: May cause mild irritation or severe burns with prolonged exposure.
Skin (Dermal): May cause mild irritation with prolonged exposure.

Material Safety Data Sheet

(WAM C-304)

SECTION VII – FIRST AID

Breathing (Inhalation):	Immediate first aid is not likely to be required. If irritation occurs, remove to fresh air. Immediately remove material from eyes, skin and clothing.
Swallowing (Ingestion):	If person is conscious, give large quantities of water to drink. Do not induce vomiting. Call a physician.
Eyes:	Remove contact lenses. Gently flush the eyes and surrounding areas, including under the eyelids, with lukewarm water for 15 minutes. If irritation persists, seek medical attention.
Skin (Dermal):	Remove contaminated clothing. Wipe material from the skin. Rinse the affected area with large amounts of water for 15 minutes. If irritation persists, seek medical attention.

SECTION VIII – EMPLOYEE PROTECTION

Respiratory Protection:	NIOSH approved respirator
Eye Protection:	Safety glasses. Always be aware of proximity of eye wash station.
Protective Gloves:	Neoprene, rubber, or PVC gloves with gauntlets.
Protective Clothing:	Boots, apron, long sleeves.
Ventilation Requirements:	Adequate ventilation must be provided to maintain air concentration below the OSHA PEL.
Work/Hygiene Practices:	An emergency eye wash and safety shower for first aid treatment of potential chemical burns should be available in the vicinity of exposure from any material release. Avoid contact with the skin, and breathing vapor, mists, or dusts. Do not eat, drink or smoke in the work area. Wash hands thoroughly before eating, drinking, smoking, chewing, or using the restroom facility.
Additional Measures:	None known.

SECTION IX – SPILL AND DISPOSAL DATA

Spill:	In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.
Waste Disposal:	Dispose of in accordance with all federal, state, and local environmental laws and regulations.
RCRA Status:	Not listed

SECTION X – TRANSPORTATION DATA

DOT Shipping Name:	Corrosive Liquids, n.o.s.,(Contains Sodium Hydroxide and Sodium Tolyltriazole), 8, UN1760, PGIII
DOT Hazard Label(s):	Corrosive
DOT Hazard Placard(s):	Corrosive
DOT Hazard Class:	8
UN/NA Number:	UN1760,
Packaging Group:	III

Material Safety Data Sheet (WAM C-304)

Reportable Quantity: NDA
Emergency Response Guide Number:.....Unknown

SECTION XI – OTHER REGULATORY INFORMATION

TSCA Status: All components listed in TSCA inventory.
SARA Section 302: Reportable quantity of extremely hazardous substance: not listed.
Threshold planning quantity, extremely hazardous substance: not listed.
SARA Section 311: Hazard Categories: Fire: No; Sudden release of pressure: No; Reactive: No; Acute Health: Yes; Chronic Health: No; Planning threshold: none
SARA Section 312: Hazard categories: Fire: No; Sudden release of pressure: No; Reactive: No; Acute Health: Yes; Chronic Health: No; Planning threshold: none.
Sara Section 313: Not regulated
Clean Air Act: Not Listed
HMIS Health: 2
HMIS Flammability: 0
HMIS Reactivity: 0
HMIS Personal Protection: C

SECTION XII – HANDLING AND STORAGE

Storage Requirements: Store in closed, properly labeled tanks or containers.
Handling Procedure: Avoid prolonged or repeated contact with the skin or eyes.
Conditions to avoid: Avoid extreme temperatures. Protect from freezing.

SECTION XIII – TOXICOLOGICAL AND ECOLOGICAL INFORMATION

Toxicity: No data available
Aquatic Toxicity Study: No data available
BOD: No data available
COD: No data available

SECTION XIV – ADDITIONAL INFORMATION

Additional: The following chemical listed by Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): Acrylamide, CAS 79-06-1, Trace; Acrylonitril, CAS 107-13-1, Trace

ABBREVIATIONS

ACGIH=American Conference of Governmental Industrial Hygienists
OSHA=Occupational Safety and Health Administration
TLV=Threshold Limit Value

Material Safety Data Sheet

(WAM C-304)

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.