

Material Safety Data Sheet



Section 1: Product and Company Identification

Product Name: **AquaLok II**

Sold By: **VersaFlex Incorporated**
87 Shawnee Avenue
Kansas City, KS 66105
913.321.9000

FOR CHEMICAL EMERGENCY Spill, leak, fire, exposure, or accident, call CHEMTREC day or night
Domestic North America **800.424.9300** International **703.527.3887**

Fax Phone: **913.321.1490**

TSCA Inventory: All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Canadian DSL: All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List (DSL).

Section 2: Composition/Information on Ingredients

<u>Hazardous Components</u>	<u>CAS#</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% by Wgt</u>
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Contains no ingredients reportable under SERA Title III, Sections 311, 312, 313

Section 3: Hazards Identification

Emergency Overview:

Routes of Entry:	<u>Route</u>	<u>Entry Risk</u>
	Inhalation	Possible
	Ingestion	Possible
	Skin Contact	Possible
	Eye Contact	Possible

Potential Health Effects:	Inhalation	May cause nausea and respiratory tract irritation. May cause respiratory sensitization in susceptible individuals.
	Ingestion	Irritation of the mouth, pharynx, esophagus and stomach can develop.
	Skin Contact	Product is a slight skin irritant. May cause swelling and redness.
	Eye Contact	Mild eye irritant. Vapors slightly uncomfortable. Splashes irritating and painful.

Acute Health Hazards: N/A

Chronic Health Hazards: N/A

Medical Conditions Generally Aggravated by Exposure: Skin and eye sensitization. Depending on individual skin sensitivity, chronic or prolonged exposure may result in irritation, blistering, burning and peeling of skin layers.

Carcinogenicity:	OSHA:	ACGIH:	NTP:	IARC:
	Other:			

Section 4: First Aid Measures

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, seek medical attention.
Skin Contact:	Remove from skin immediately. Rinse with clean water for 20-30 minutes. Use soapy water if needed. If redness, itching, or a burning sensation develops, seek medical attention.
Ingestion:	Do NOT induce vomiting! Dilute with water and seek medical attention immediately.
Inhalation:	Move victim to fresh air immediately. Give oxygen and seek medical attention.

Section 5: Fire-Fighting Measures

Flammable Limits:	N/A
Flash Point, (Method Used):	N/A
Autoignition Temperature:	N/A

NFPA Hazard Rating:	Health: 1	Hazard Scale	Protective Equipment
	Flammability: 0	0=LEAST	A=SAFETY GLASSES
	Reactivity: 0	1=SLIGHT	B=SAFETY GLASSES, GLOVES
	Other: B	2=MODERATE	C=SAFETY GLASSES, GLOVES AND APRON
		3=HIGH	D= SAFETY GLASSES, GLOVES , APRON and RESPIRATOR
		4=EXTREME	

HMS Hazard Rating:	Health: 1
	Flammability: 0
	Reactivity: 0
	Protection: B

Extinguishing Media:	N/A
Special Fire Fighting Procedures:	N/A
Unusual Fire and Explosion Hazards:	N/A
Hazardous Decomposition Products:	N/A

Section 6: Accidental Release Measures

Accidental Release Measures:	Flush with water
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Section 7: Handling and Storage

Handling & Storage Precautions:	Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. Exothermic generation of carbon dioxide may cause dangerous pressure. Keep away from all ignitable sources as well as heat.
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Section 8: Exposure Control/Personal Protection

Ventilation:	Not required.
Respiratory Protection:	Not required.
Eye Protection:	Chemical tight goggles; full face shield if splashing is possible.
Skin Protection:	Coveralls and impervious foot covering is recommended.
Other Protective Clothing or Equipment:	Use impervious gloves, neoprene or rubber.
Work/Hygienic Practices:	Good air flow in working area. Eyewash station and safety shower should be available.

Section 9: Physical and Chemical Properties

Appearance: Clear
Odor: Odorless
Physical State: Liquid
pH As Supplied: 11.3-11.6
pH (Other):
Boiling Point: 230° F
Melting Point:
Freezing Point:
Vapor Pressure (mmHg): N/A
Vapor Density (Air=1): N/A
Specific Gravity (Water=1): 1.004
Evaporation Rate (Butyl Acetate=1):
Solubility in Water: Complete
Percent Solids by Weight:
Percent Volatile: By Weight: By Volume:
Volatile Organic Compounds (VOC): With Water: Without Water:
Molecular Weight:
Viscosity:

Section 10: Stability and Reactivity

Stability: Stable
Conditions to Avoid (*Stability*): N/A
Incompatibility (*Materials to Avoid*): N/A
Hazardous Decomposition or Byproducts: N/A
Hazardous Polymerization: N/A
Conditions to Avoid (Polymerization):

Section 11: Toxicological Information

Toxicological Information: No Data

Section 12: Ecological Information

Ecological Information: No Data

Section 13: Disposal Considerations

Waste Disposal Method: Use excess product in an alternate beneficial application. Flush with water.
RCRA Hazard Class: Non-Regulated

Section 14: Transport Information

U.S. Department of Transportation

Proper Shipping Name: AquaLok II
Hazard Class: Non-Regulated, NOI
ID Number:
Packing Group: III
Label Statement:

Water Transportation

Proper Shipping Name: AquaLok II
Hazard Class: Non-Regulated, NOI
ID Number:
Packing Group: III
Label Statement:

Air Transportation

Proper Shipping Name: AquaLok II
Hazard Class: Non-Regulated, NOI
ID Number:
Packing Group: III
Label Statement:

Other Agencies:

Section 15: Regulatory Information

U.S. Federal Regulations

TSCA (Toxic Substance Control Act): Section 12(b) Export Notification. This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States: There are no TSCA 12(b) Chemicals in this product.

CERCLA (Comprehensive Response Compensation and Liability Act): CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product: Chemical Name- See Section 2

SARA Title III (Superfund Amendments and Reauthorization Act): This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

311/312 Hazard Categories: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard: See Section 3

313 Reportable Ingredients: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Chemical Name- See Section 2

State Regulations:

California Proposition 65. The chemical(s) noted below and contained in this product are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at <0.1%: There are no proposition 65 chemicals known to exist in this product.

International Regulations:

Section 16: Other Information

Other Information:

Preparation Information:

Disclaimer:

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data in this MSDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.