

**MATERIAL
SAFETY
DATA
SHEET**

NFPA Designation 704

DEGREE OF HAZARD
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

FLAMMABILITY	1
HEALTH	1
REACTIVITY	1
SPECIAL	

FORMULA 4115

Aqualine Water Treatment Products, Inc.

24 Hour D0alvgency00iheo.9Aqualine40a0900

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SECTION 4 FIRST AID INFORMATION

Eye exposure: Flush immediately with copious amounts of tap water or normal saline (minimum of 15 minutes). Take exposed individual to a health care professional, preferably an ophthalmologist, for further evaluation.

Skin exposure: Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists consult a health care professional.

Inhalation: If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately.

Ingestion: DO NOT INDUCE VOMITING. Rinse with copious amounts of water or milk, first. Irrigate the esophagus and dilute stomach content by slowly giving one (1) to two (2) glasses of water or milk. Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose or convulsing, DO NOT GIVE FLUIDS BY MOUTH. In case of intentional ingestion of the product seek medical assistance immediately; take individual to nearest medical facility.

NOTE TO PHYSICIAN: No specific antidote is known. Probable mucosal damage may contraindicate the use of gastric lavage. Treat Symptoms.

SECTION 5 PRIMARY ROUTES OF EXPOSURE

SECTION 6 TOXICOLOGICAL INFORMATION

Acute effects:

Acute Oral LD50: 3,700.0mg/kg

Acute Dermal LD50: >2,000.0 mg/kg

Acute Inhalation LC50: > 26.4 mg/L

Irritant effects: Eye irritant.

Sensitization effects: None known.

Carcinogenic potential: Not listed in any of OSHA Standard, Section 1910.1200 sources as carcinogenic; not tested by Aqualine Water Treatment Products, Inc.

Target Organ Effects:

Other health effects: None known.

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SECTION 7	Reserved for ENVIRONMENTAL TOXICOLOGICAL INFORMATION
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SECTION 8	PHYSICAL AND CHEMICAL PROPERTIES
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Appearanceclear, brown liquid
 Odorslight
 Density @ 25degrees C1.03 g/mL
 Flash Point>212 degrees F
 Freezing PointN/T
 Boiling Point>212 degrees F
 Solubilitycompletely soluble in water.
 pH6
 pH (100 ppm in water)6-7
 Vapor PressureN/T
 o/w Partition CoefficientN/T
 Oxidizing/Reducing Properties0.2% in water @ 25 degrees C/77 degrees F

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SECTION 12 SATISFACTORY MATERIALS OF CONSTRUCTION

Tested Satisfactory Materials

Polypropylene	Tygon
Plexiglass	Tyrl 880
Teflon	Gum Rubber
PVC-rigid	Silicone Rubber
Buna-N rubber	Hypalon
Viton	Aluminum 5052-H34
EPDM rubber	
PVC- flexible	
Neoprene	
Fiberglass	
Polyethylene-low density	

Note: With respect to all other materials not listed above, user should be aware that use of such materials with **Aqualine 4115** may be hazardous and result in damages to such materials and other property and personal injuries. No data concerning such materials not listed above should be implied by the user.

SECTION 13 SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILL AND LEAK RESPONSE GUIDELINES

Important: Before responding to a spill or leak of this product, review each section of this MSDS. Follow the recommendations given in the Handling Precautions sections. Check the Fire and Explosion Data section to determine if the use of non-sparking tools is merited. Insure that spilled or leaked product does not come into contact with materials listed as incompatible. If irritating fumes are present, consider evacuation of enclosed areas.

Emergency Response Assistance: 24 hour emergency technical assistance, call Chemtel at 800-255-3924

Initially minimize area affected by the spill or leak. Block any potential routes to water systems (e.g., sewers, streams, lakes, etc.). Based on the product's toxicological and chemical properties, and on the size and location of the spill or leak, assess the impact on contaminated environments (e.g. water systems, ground, air equipment, etc.). There are no methods available to completely eliminate any toxicity this product may have on aquatic environments. Minimize adverse effects on these environments. Aqualine Water Treatment Products Inc. can be contacted for technical assistance. Determine if federal, state, and/or local release notification is required (see Regulatory classifications section of this MSDS). Recover as much of the pure product as possible into appropriate container. Later, determine if this recovered product can be used for its intended purpose. Address clean-up of contaminated environments. Spill or leak residuals may have to be collected and disposed of. Clay, soil, or commercially available absorbents

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may be used to recover any material that can not readily be recovered as pure product. Flushing residual material to an industrial sewer, if present at the site of a spill or leak incident, may be acceptable if authorized approval is obtained. If product and/or spill/leak residuals are flushed to an industrial sewer, insure that they do not come into contact with incompatible materials. Contact the person(s) responsible for the operation of your facility's industrial sewer system prior to intentionally flushing or pumping spills or leaks of this product to the industrial sewer.

DISPOSAL GUIDELINES

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SARA 302 Extremely Hazardous Substances List: No components of this product are listed.

SARA 312 Hazard Category: Immediate (Acute) Health Hazard.

SARA 313 Toxic Chemicals List: No Section 313 listed substances are present above de minimus levels.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act): No

Component Hazard Category (SARA 302) / Hazard Category (T/ATIS) / Listed Substance (T/ATIS) / Environmental Release (T/ATIS) /