

MATERIAL SAFETY DATA SHEET

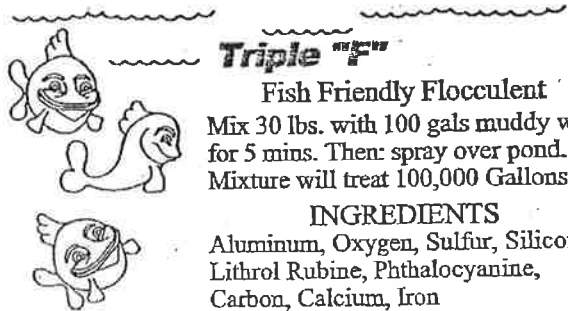


MSDS No. 000701

Current Issue Date: 02/20/09

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Triple "F" by WATCO
Product use: Muddy Water Treatment
Supplier: Clear Creek Solutions
6745 Whitten Place
Memphis, TN 38133
Brian Sexton 901-481-3867



2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Table with 3 columns: Ingredient Name, CAS Number, Weight %. Row 1: Triple "F" by WATCO, 10043-01-03, 99-100

OSHA Hazard Communication Standard:

This product is considered hazardous under the OSHA Hazard Communication Standard.

3. Hazards Identification

Emergency Overview: White, Blue & Red granules or powder with no odor. Can irritate skin and eyes.

Not flammable, but may release toxic vapors if decomposed in a fire.

Potential Health Hazards: May cause skin irritation, especially under repeated or prolonged contact.

Eyes: May irritate or burn the eyes. Similarly for a water mixture.

Inhalation: Dust or mist inhalation at levels above the LTV may cause irritation to the respiratory tract.

Ingestion: May irritate the gastrointestinal tract.

Delayed effects: None Known

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Ingredients found on one of three OSHA designated carcinogen lists are listed below.

<u>Ingredient Name</u>	<u>NTP status</u>	<u>IARC status</u>	<u>OSHA status</u>
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No ingredients listed in this section.

4. First Aid Measures

Skin: Flush with plenty of soap and water, removing contaminated clothing. If irritation develops, get medical attention.

Eyes: Immediately flush with water, continuing for at least 15 minutes. If irritation persists, get medical attention.

Inhalation: Promptly remove to fresh air.

Ingestion: If conscious, immediately give large quantity of water or milk. If not already vomiting, induce vomiting by touching finger to back of throat. Get medical assistance. Advice to physician: Treat symptomatically.

5. Fire fighting measures

Flash point: Not flammable

All other: Not applicable

Extinguishing media: Foam, dry chemical, carbon dioxide or water spray. Unusual fire and explosion hazards: None.

Special fire fighting precautions / instructions: Wear self-contained breathing apparatus (scba) And full protective equipment.

6. Accidental release measures

In case of spill: (see section 8 for recommended personal protective equipment) Shovel up dry chemical and place in empty container and cover. Spray residue with plenty of water. Neutralize any further residue with alkali such as soda ash or lime. Adequate ventilation is required if soda ash or lime is not used, because of the consequent release of carbon dioxide gas. Collect and dispose of in accordance with applicable regulations. Spill may have to be reported to federal and/or local authorities. See section 15 regarding reporting requirements.

7. Handling and storage

Normal handling: (See section 8 for recommended personal protective equipment) Keep container tightly closed when not in use. Avoid contact with skin, eyes and or clothing. Do not breathe products dust or mist.

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Storage recommendations: Keep storage container tightly closed. Store in well-ventilated area or container. Isolate from incompatible substances.

8. Exposure controls / personal protection

Engineering controls: use local exhaust to keep airborne concentrations below the permissible limits.

Personal protective equipment

Skin protection: Wear rubber gloves and apron, long sleeved shirts, trousers and boots. If prolonged or repeated contact is anticipated, all clothing should be impervious to liquid.

Eye protection: Wear chemical safety goggles. Do not wear contact lenses.

Respiratory protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal / provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "respirator decision logic" may be useful in determining the suitability of various types of respirators.

Additional recommendations: To identify additional personal protective equipment requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE standard (229cfr1910.132) be conducted before using this product. Eyewash and safety showers are recommended.

Exposure guidelines:

<u>INGREDIENT NAME</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER LIMIT</u>
Triple "F" by WATCO	2 mg/m3	2 mg/m3	NONE

Other exposure limits for potential decomposition products: NONE

9. Physical and properties

Appearance: White, blue and red granules or powder

Physical State: Solid

Chemical Formula: Mixing and percentage of amounts is Proprietary

Odor: Odorless

Specific Gravity (water = 1.0): 1.6

Solubility in Water (weight %): 50% @ 0° C

pH: 3.5 (1% solution)

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Boiling point, Melting point, vapor pressure, vapor density, evaporation rate, and % volatiles are not applicable or negligible.

Flash point: not flammable (Flash point method and additional flammability data are found in section 5.)

10. Stability and reactivity

Normally stable: (conditions to avoid) Avoid temperatures above 760 C, as this will yield toxic and corrosive gases.

Incompatibilities: alkalis and water reactive materials such as oleum, causes exothermic reactions.

Hazardous decomposition products: At elevated temperatures, sulfur oxides may be formed. These are toxic and corrosive and are oxidizers. Sulfur trioxide is also a fire hazard. The loss of these gases leaves a caustic residue.

Hazardous polymerization: Will not occur.

11. Toxicological Information

Immediate (acute) effects: Triple "F" by WATCO; LD₅₀ (oral, mouse), 6207 mg and LD₅₀ (oral, rat), 1930 mg.

Other data: None

12. Ecological Information

Triple "F" by WATCO: Triple "F" at 30 lbs. product per 100 gals that is sprayed over a 500,000 gal. pond represents a treatment concentration of approximately 7 ppm. Following soil sedimentation the concentration in pond water is approximately 3 ppm. Toxicity on aquatic life: 48 hour LC₅₀ of 240 ppm for mosquito fish, 96 hour LC₅₀ of 250 ppm for largemouth bass, 72 hour LC₅₀ of 34 ppm for fathead minnow.

13. Disposal Considerations

RCRA: Is the unused product a RCRA hazardous waste? NO

Other disposal considerations: If permitted by regulations, material may be dissolved in water and neutralized with alkali.

14. Transport Information

US DOT Hazard class / Packing group: 9, only if greater than 5000 lbs in one package).

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US DOT ID Number: UN 307

Proper shipping name: Environmentally hazardous substances, solid N.O.S. (Contains; Aluminum, Oxygen, Sulfur, Silicon, Lithrol Rubine, Phthalocynine, Carbon, Calcium & Iron.)

15. Regulatory Information

Toxic Substances Control Act (TSCA), TSCA inventory status: All ingredients listed on the TSCA inventory.
Other TSCA issues: None

SARA Title III/CERCLA: Report quantities, (RQs) and/or threshold planning quantities (TPQs) exist for the following ingredients.

<u>Ingredient Name</u>	<u>SARA/CERCLA RQ (lbs)</u>	<u>SARA EHS TPQ (lbs)</u>
Triple "F" by WATCO	5000 or more	None

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (800 424 8802) and to your local emergency planning committee.

SARA 313 Toxic Chemicals: NONE

State Right-To-Know: No ingredients listed in this section

Additional Regulatory Information: None

16. Other Information

Current Issue Date: 02/20/09

Previous Issue Date: None

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Triple "F" by WATCO provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data for your particular use. Triple "F" by WATCO knows of no medical condition, other than those noted on this Material Safety Data Sheet, which are generally recognized as being aggravated by exposure to this product.

