



SAFETY DATA SHEET

OMG SOLUTIONS, LLC

Product Name: PYROsolve F3 3% Foam

Issues Date: 08/31/2018

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1. IDENTIFICATION

Product name: PYROsolve F3 3% Foam

Recommended use of chemical and restrictions on use

Identified uses: Fire Extinguishing Agent, F3 Liquid Concentrate,
For Land Based Fresh Water Applications

COMPANY IDENTIFICATION

OMG SOLUTIONS, LLC

352 HAYNES ROAD

VICTORIA, TX 77903

UNITED STATES

Customer Information Number:

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CHEMTREC 1-800-424-9300

CCN836930

2. HAZARDS IDENTIFICATION

Hazard classification

Health hazards: Not classified

Physical hazards: Not classified

Environmental hazards: None

Hazard summary defined by OSHA Hazard Comm. Std., 29 CFR 1910.1200.

Label element/signal word: Non-hazardous

Hazard statement (Potential health effects)

General: Relative to other materials, this product is classified as “relatively non-toxic.” For general purposes keep product away from children, out of eyes and off skin.

Precaution statements

Prevention: No special equipment or clothing required; however, goggles are recommended.
Response: If eye or skin irritation occurs, flush with plenty of fresh water.
Storage: In sealed polydrums or totes (as delivered)
Maximum 120 F – Minimum 35 F

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

<u>Components</u>	<u>CASRN</u>	<u>Concentrations</u>
Fire Extinguishing Agent, F3 Liquid Concentrate, For Land Based Fresh Water Applications	-	-
Alcohol	-	-
Water	-	-

* The specific components identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Wash with plenty of water and soap. If skin irritation occurs seek medical attention.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing and/or get medical attention immediately.

Ingestion: Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed: Generally, dryness may occur. Keep victim under observation. Symptoms may be delayed.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Flash Point >100°F

Specific hazards arising from the substance or mixture: Not applicable

Advice for Firefighters

Fire Fighting Procedures: Use standard firefighting procedures and consider the hazards of other involved materials.

Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Flush with fresh water and for personal protection, see section 8.

Methods and materials for containment and cleaning up: Rinse with fresh water until clean.

Environmental precautions: Product is non-hazardous.

7. HANDLING AND STORAGE

Precaution for safe handling: Avoid contact with eyes and skin. See section 8 for personal protection.

Conditions for safe storage: Store out of direct sunlight. Do not freeze. Maximum 120 F – Minimum 35 F

Storage stability

Shelf life: Unlimited in sealed poly drums or totes (as delivered) and open containers with lids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits: No exposure limited noted for ingredient(s).

Biological limit values: No biological exposure limits noted for the ingredients(s).

Appropriate engineering control: Good general ventilation should be used. Eyewash stations and a safety shower in work area are not required but suggested for own use.

Individual protection measures, such as personal protective equipment

Eye/face equipment: Safety goggles are recommended, face shield to be used if preferred.

Skin protection

Hand protection: Wear appropriate safety gloves but not required.

Other: Wear appropriate safety clothing but not required.

Respiratory protection: Adequate respirator available but not required.

Thermal hazards: Not applicable

General hygiene consideration

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove any debris and/or dirt from the work place.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear
Physical state	Liquid
Form	Liquid
Color	Clear
Odor	Not available
Odor threshold	Not available
pH	7.4
Melting point/freezing point	Not available, See Pour Point
Initial boiling point and boiling range	>212 °F (>100 °C)
Flash point	>100 °F
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable to liquids
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapor pressure	Not available
Relative vapor density	Not available
Relative density	Estimated heavier than air
Solubility(ies)	
Water solubility	Miscible in oil, water and solvents
Auto-ignition temperature	Not applicable
Decomposition	Not available
Viscosity	1.24 cst @ 40 C

Other information

Density	1.0202 @ 60 F
Pour point	+26 F

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: No dangers known under normal conditions.

Conditions to avoid: Avoid exposure to elevated temperatures.

Incompatible materials: No data available.

Hazardous decomposition products: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicology information appears in this section when such data is available.

Acute toxicity

Acute oral toxicity: LD50, Rat testing – no data available

Acute dermal toxicity: LD50, Rabbit testing – no data available

Skin corrosion/irritation: Brief contact may cause drying of the skin.

Serious eye damage/eye irritation: May cause eye irradiation.

Sensitization for skin/respiratory: Relevant data not available.

Carcinogenicity: No relevant data found.

Teratogenicity: No relevant data found.

Reproductive toxicity: No relevant data found.

Mutagenicity: No relevant data found.

Aspiration hazard: Based on physical properties, not likely to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicology information appears in this section when such data is available.

Toxicity

Acute toxicity to aquatic invertebrates

For this family of materials: The marine invertebrate species, *Mysidopsis bahia* (*Americamysis bahia*) and the marine vertebrate species, *Menidia beryllina* were used in the tests. The test duration using *M. bahia* and *M. beryllina* was 48 hours and 96 hours, respectively.

MATERIAL TESTED	SPECIES	LC50 (PPM)
Product	<i>Menidia beryllina</i>	54.87
	<i>Mysidopsis bahia</i>	26.78
No. 2 Fuel Oil	<i>Menidia beryllina</i>	18.17
	<i>Mysidopsis bahia</i>	2.67
Product & No. 2 Fuel Oil	<i>Menidia beryllina</i>	16.20
	<i>Mysidopsis bahia</i>	3.52
Reference Toxicant: (Sodium Laurel Sulfate)	<i>Menidia beryllina</i>	3.91
	<i>Mysidopsis bahia</i>	6.78

Persistence and degradability: Readily biodegradable

Bioaccumulate potential: No data available

Mobility in soil: No data available

13. DISPOSAL CONSIDERATION

Disposal instructions: Dispose of contents/containers in accordance with local, regional, national and/or international regulations.

Hazardous waste code: The product is non-hazardous.

Contaminated packaging: Empty containers should be taken to an appropriate waste handling sight for recycling or disposal.

14. TRANSPORT INFORMATION DOT: Not regulated as a dangerous good.

IATA: Not regulated as a dangerous good.

IMDG: Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

15. REGULATORY INFORMATION

US federal regulation

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed

SARA 304 Emergence release notification: Not regulated

US. OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050): Not regulated

Superfund Amendments and Regulated Substance Act of 1986 (SARA)

Hazard Categorizes	Immediate Hazard – No
	Delayed Hazards – No
	Fire Hazard – No
	Pressure Hazards – No
	Reactivity Hazards – No

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting): Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CCA) Section 112(r) Accidental Release Prevention (40CFR 68.130): Not related.

Safe Drinking Water Act: Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100): Not Listed.

US. Massachusetts RTK – Substance List: Not regulated.

US. Pennsylvania Worker and Community Right-to-Know Law: Not listed.

US. Rhode Island RTK: Not regulated.

US. California Proposition 65: This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

United States TSCA

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

16. OTHER INFORMATION

Product Literature

Additional information on this and other products may be obtained by visiting our web page. Additional information on this product may be obtained by calling your sales or customers service contact. Ask for a product brochure.

Revision

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