

SAFETY DATA SHEET

Current Revision: 2, 7/12/2016	Prepared By: Ben Ward, Product Engineer
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I. IDENTIFICATION

EMERGENCY PHONE: <p style="text-align: center;">CHEMTREC- (800) 424-9300 CCN: 19481</p>	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: Salem Bubble Buster	
SYNONYMS: Antifoam	

Recommended Use:

Foam reducer in industrial processes.

Restrictions:

Industrial and professional use.

II. HAZARD IDENTIFICATION

Classification (§1910.1200):

- Flammable Liquids- Category 4
- Acute Toxicity- Category 4
- Aspiration Hazard- Category 1

Signal Word/Symbols:

DANGER



GO BEYOND THE EDGE

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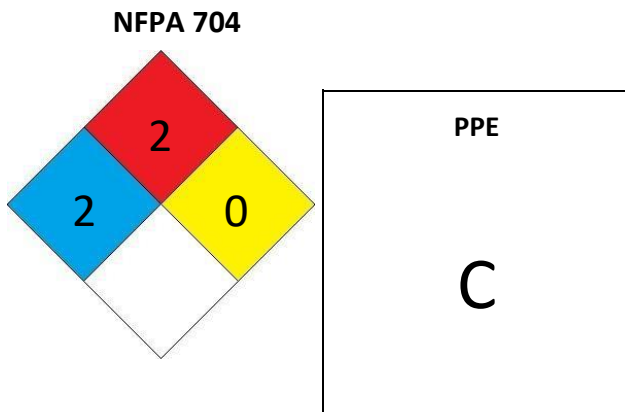
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Hazard Statement:

Combustible liquid.
May be fatal if swallowed and enters airways.
Harmful if inhaled.

Precautionary Statement:

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Avoid breathing dust, fumes, gas, mist, vapors, and spray. Use only outdoors or in a well ventilated area. Wear protective gloves, eye protection, and face protection.
If swallowed immediately call a poison center or a doctor/physician. If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor/physician if you feel unwell. Do not induce vomiting. In case of fire; use sand, dry chemical, or alcohol resistant foam for extinction.
Store in a well ventilated place. Keep cool. Store locked up.
Dispose of contents and container to an approved waste disposal plant.

Miscellaneous Hazards:

None known.

Unknown Acute Toxicity Statement:

None known.

III.COMPOSITION

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CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Straight Run Middle Distillate		64741-44-2	30-60
Hydrotreated Light Distillate		64742-47-8	10-30
Polyglycol		Proprietary	5-10
1-Octanol		111-87-5	1-5
Fatty Alkyl Polyglycol		Proprietary	1-5
1-Decanol		112-30-1	1-5
Paraffin Wax		8002-74-2	1-5

*Information withheld as a trade secret

Classified Impurities and Additives:

None known.

IV. FIRST AID MEASURES

Inhalation:

Get medical attention if symptoms occur.

Skin Contact:

Wash off with soap and plenty of water. Get medical attention if symptoms occur.

Eye Contact:

Rinse with plenty of water. Get medical attention if symptoms occur.

Ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed – can enter lungs and cause damage. Get medical attention immediately.

Symptoms/Effects:

See section 11 for more detailed information on health effects and symptoms.

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Level Of Medical Attention Needed:

Seek medical attention if symptoms occur.

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

High volume water jet.

Specific Hazards:

Fire hazard. Keep away from heat and sources of ignition. Flash back possible over considerable distance. Carbon oxides formed during combustion.

Special Protective Equipment:

Use PPE and approved respirator.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Remove all sources of ignition. Refer to protective measures listed in sections 7 and 8.

Protective Equipment:

See section 8.

Emergency Procedures:

N/A

Methods for Cleanup/Removal:

Eliminate all ignition sources if safe to do so. Stop leak is safe to do so. Contain spillage and collect with noncombustible absorbent material, and place in container for disposal

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according to/ national regulations. Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Do not flush into surface water or sanitary sewer system.

VII. HANDLING AND STORAGE

Handling Precautions:

Take necessary action to avoid static electricity discharge. Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.

Safe Storage Conditions:

Keep away from heat and sources of ignition. Keep away from oxidizing agents. Keep out of reach from children. Keep container tightly closed. Store in suitable labeled containers.

Incompatibilities:

Oxidizing agents.

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

<p>OSHA PEL:</p> <p>Z1 Hydrotreated Light Distillate: 500ppm, 2000 mg/m³ TWA, 5mg/m³ TWA (Mist)</p>	<p>ACGIH TLV:</p> <p>Hydrotreated Light Distillate: 200 mg/m³ Paraffin Wax: 2mg/m³ TWA (Fumes)</p>	<p>OTHER EXPOSURE LIMITS:</p> <p>NIOSH REL Hydrotreated Light Distillate: 5mg/m³ TWA (Mist), 10mg/m³ STEL (Mist) Paraffin Wax: 2mg/m³ TWA (Fumes)</p> <p>WEEL Polypropylene Glycol: 10mg/m³ TWA</p>
		<p>1-Octanol: 50ppm TWA</p>

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Appropriate Engineering Controls:

Effective exhaust ventilation system to maintain air concentrations below occupational exposure standards.

Personal Protective Measures:

- Safety glasses.
- Protective gloves (replace if any indication of degradation or chemical breakthrough)
- Protective clothing.
- When concentration levels are above exposure limit, appropriate certified respirators must be used.
- Remove and wash contaminated clothing before reuse. Wash hands, face, and any exposed skin after handling.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear liquid

Odor: Hydrocarbon-like	Odor Threshold: No data available.	Ph: Not applicable
Melting/Freezing Point: Precipitation Point: 50°F (10 °C) Pour Point: -49°F (-45 °C)	Boiling Point: 270 °F (132 °C)	Boiling Range: No data available.
Flash Point: 197 °F (92 °C)	Evaporation Rate: No data available.	Flammability (Solid, Gas): No data available.
Upper/ Lower Flammability/ Explosive Limit: No data available.	Vapor Pressure: 5.1 mm Hg (37.8 °C)	Vapor Density: No data available.

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Relative Density: 0.84 77 °F (25 °C)	Solubility (ies): Insoluble	Partition Coefficient: NOctanol/Water: No data available.
Auto Ignition Temperature: No data available.	Decomposition Temperature: No data available.	Viscosity: Dynamic: 10 mPa 71 °F (22 °C)
		Kinematic: 7.52 mm ² /s 71 °F (22 °C)

X.STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable under normal conditions.

Possibility of Hazardous Reactions:

No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Static Discharge, Shock, Vibrations, Etc.

Heat, flames, and sparks.

Incompatible Materials:

Oxidizing agents and bases.

Hazardous Decomposition Products:

Oxides of carbon.

XI.TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

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Inhalation, eye contact, skin contact, and ingestion.

Symptoms Related To Toxicological Characteristics:

May cause vomiting if swallowed.

Delayed, Immediate, and Chronic Effects:

May be harmful in contact with skin. May be fatal if swallowed and enters airways.

Numerical Toxicity Measurements:

- Acute oral toxicity: LD50 Rat >15380mg/kg
- Acute inhalation toxicity: 3.38 mg/l 4h
- Acute dermal toxicity: LD50 rabbit >3038 mg/kg
- Skin corrosion/irritation: 3.1 Rabbit Draize Test
- Serious eye damage/irritation: 6.0 Rabbit Draize Test

NTP/IARC/OSHA Known Carcinogen:

No item at quantities posted is a known carcinogen.

XII.ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

Fish

- Oncorhynchus mykiss (rainbow trout) LC50 310mg/L 96hrs
- Pimephales promelas (fathead minnow) LC50 190mg/L 96hrs
- Oncorhynchus mykiss (rainbow trout) NOEC <78mg/L 96hrs
- Pimphales promelas (fathead minnow) NOEC 100mg/L 96hrs

Daphnia and other

- Daphnia magna (water flea) LC50 220mg/L, EC50 130mg/L, NOEC 16mg/L (48hrs all)
- Ceriodaphnia dubia LC50 4.32mg/L, NOEC 2.50mg/L (48hrs all)

Chronic toxicity

- Ceriodaphnia dubia NOEC 0.9mg/L, 1.5mg/L, LOEC 0.38mg/L, 3.0mg/L, EC/IC25 0.4mg/L (7d all)

Toxicity to algae

- Hydrotreated light distillate EC50 >1000mg/L 48h

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Toxicity to bacteria

Hydrotreated light distillate >1000mg/L

Persistence and Degradability:

Organic portion of product is inherently biodegradable.

Total organic carbon: 195870 mg/L

Chemical oxygen demand: 2200000mg/L

Biochemical oxygen demand: OECD 301D 102440mg/L 70-80% 28d

Bioaccumulative Potential:

This preparation or material is not expected to bioaccumulate.

Soil Mobility:

The environmental fate was estimated using a level 3 fugacity model embedded in the EPI Suite TM, provided by the US EPA. This model assumes a steady state condition between the total input and output. The level 3 model does not require equilibrium between the defined media. The information provided is intended to give the use a general estimate of the environmental fate of this product under the defined conditions of the models. If released into the environment this material is expected to distribute to the air, water, and soil/sediment in the approximate respective percentages:

Air: 10-30%

Water: 30-50%

Soil: 30-50%

Other Adverse Effects:

No data available.

XIII.DISPOSAL CONSIDERATIONS

Waste Residue and Disposal:

This product should not be allowed to enter drains, water courses, or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose in compliance with local regulations. Dispose of wastes in an approved facility.

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Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

XIV. TRANSPORT INFORMATION

THE FOLLOWING PACKAGING INFORMATION ONLY APPLIES IF THE PRODUCT IS BEING SHIPPED AT QUANTITIES GREATER THAN 119 GALLONS, OTHERWISE NO REGULATIONS APPLY

UN Number: NA1993	UN Proper Shipping Name: Petroleum Hydrocarbon	Transport Hazard Class (es): Combustible Liquid
Packing Group: III	Environmental Hazards: Not regulated.	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) Not regulated.

Special Precautions:

Not known.

XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

SARA 311-312: Fire hazard, acute health hazard
 Included or exempted from the following international lists:
 TSCA (US), CEPA (Can), NICNAS (Australia), IECSC (China), EINECS/ELINCS (EU), ENCS (Jap),
 TCCL (Kor), HSNO (NZ), PICCS (Philippines)

XVI. OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Salem Fabrication Supplies. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Salem Fabrication Supplies assumes no legal responsibility for use of or reliance upon this information.

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