

1. Product and Company Identification

Product Code: 1070
Product Name: Oil & Grease Emulsifier
Company Name: SUNBELT LABORATORIES
P.O. BOX 1563
STAFFORD, TX 77497
Phone Number: (281)261-4747
Web site address: www.sunbelt-labs.com
Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**

GHS Hazard Phrases: Causes mild skin irritation.
Causes serious eye irritation.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs, get medical advice/attention.
If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic): The toxicological properties of this material have not been fully investigated.

Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

May cause liver and kidney damage. Sophisticated modeling has clearly proven that 2-butoxyethanol does not build up in the body under any kinds of normal use.

Inhalation: No hazard expected in normal industrial use. May cause respiratory tract irritation. May cause lung damage. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. The toxicological properties of this substance have not been fully investigated.

Skin Contact: Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation. Skin sensitization testing with human volunteers produced negative results. May cause skin irritation.

Eye Contact: Causes eye irritation. Causes redness and pain. Causes eye burns.

Ingestion: No hazard expected in normal industrial use. Harmful if swallowed. May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.



SAFETY DATA SHEET

Oil & Grease Emulsifier

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration | |
|-------------|--|---------------|--|
| 111-76-2 | Ethanol, 2-Butoxy- | 1.0 -5.0 % | |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | 1.0 -5.0 % | |
| 68025-51-4 | Phosphate ester | 0.3 -3.0 % | |
| 127087-87-0 | Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched | 3.0 -8.0 % | |
| 18662-53-8 | Nitrilotriacetic acid, Trisodium salt monohydrate | 0.3 -3.0 % | |

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.

Note to Physician: Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use agent most appropriate to extinguish fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary.

Further information:

The product itself does not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.

Flammable Properties and Hazards: No data available.

Hazards:

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide.

Products:



SAFETY DATA SHEET

Oil & Grease Emulsifier

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment. Personal precautions.

Environmental precautions.

Do not let product enter drains.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Clean up spills immediately, observing precautions in the Protective Equipment section. Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|-------------|---|-------------|-------------|--------------|
| 111-76-2 | Ethanol, 2-Butoxy- | PEL: 50 ppm | TLV: 20 ppm | No data. |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | No data. | No data. | No data. |
| 68025-51-4 | Phosphate ester | No data. | No data. | No data. |
| 127087-87-0 | Poly(oxy-1,2-ethanediyl),.alpha.-(4-non ylphenyl)-.omega.-hydroxy-,branched | No data. | No data. | No data. |
| 18662-53-8 | Nitrilotriacetic acid, Trisodium salt monohydrate | No data. | No data. | No data. |

Respiratory Equipment (Specify Type): For personal protection see section 8.

Eye Protection: Eye protection is not normally required.

Protective Gloves: Protective garments not normally required. Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Protective garments not normally required.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



SAFETY DATA SHEET

Oil & Grease Emulsifier

9. Physical and Chemical Properties

| | | |
|---|--------------------------------|---------------|
| Physical States: | [] Gas [X] Liquid [] Solid | |
| Appearance and Odor: | Red. butyl-like. | |
| pH: | 12.8 | |
| Melting Point: | NE | |
| Boiling Point: | > 212.00 F (100.0 C) | |
| Flash Pt: | NE | |
| Evaporation Rate: | NE | |
| Flammability (solid, gas): | No data available. | |
| Explosive Limits: | LEL: No data. | UEL: No data. |
| Vapor Pressure (vs. Air or mm Hg): | NE | |
| Vapor Density (vs. Air = 1): | NE | |
| Specific Gravity (Water = 1): | 1.07 at 77.0 F (25.0 C) | |
| Solubility in Water: | Complete | |
| Percent Volatile: | 84.0 % by volume. | |
| Autoignition Pt: | No data. | |

10. Stability and Reactivity

| | |
|---|--|
| Stability: | Unstable [] Stable [X] |
| Conditions To Avoid - Instability: | Incompatible materials, ignition sources, Strong oxidants. |
| Incompatibility - Materials To Avoid: | Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Zinc. |
| Hazardous Decomposition or Byproducts: | Carbon monoxide, formed under fire conditions. Sodium oxides, silicon oxides, Strong oxidants, irritating and toxic fumes and gases. |
| Possibility of Hazardous Reactions: | Will occur [] Will not occur [X] |
| Conditions To Avoid - Hazardous Reactions: | Product will not undergo polymerization. |

11. Toxicological Information

| | |
|---|--|
| Toxicological Information: | Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information found. No information available. |
| Irritation or Corrosion: | Skin - rabbit - Severe skin irritation - -24 h. |
| Carcinogenicity/Other Information: | CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans. California: Not listed. NTP: Not listed. IARC: Not listed. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is |



SAFETY DATA SHEET

Oil & Grease Emulsifier

identified as a carcinogen or potential carcinogen by OSHA. CAS# 7785-70-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|-------------|--|----------|------|-------|------|
| 111-76-2 | Ethanol, 2-Butoxy- | n.a. | 3 | A3 | n.a. |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | n.a. | n.a. | n.a. | n.a. |
| 68025-51-4 | Phosphate ester | n.a. | n.a. | n.a. | n.a. |
| 127087-87-0 | Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched | n.a. | n.a. | n.a. | n.a. |
| 18662-53-8 | Nitrilotriacetic acid, Trisodium salt monohydrate | Possible | 2B | n.a. | n.a. |

12. Ecological Information

Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: RCRA P-Series: None listed.
RCRA U-Series: None listed. Product:
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging:
Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material. NOT REGULATED FOR DOMESTIC TRANSPORT. DOT regulated - small quantity provisions apply (see 49CFR173.4)

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available. Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|-------------|--|--------------|-----------|---------------|
| 111-76-2 | Ethanol, 2-Butoxy- | No | No | Yes-Cat. N230 |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | No | No | No |
| 68025-51-4 | Phosphate ester | No | No | No |
| 127087-87-0 | Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched | No | No | No |
| 18662-53-8 | Nitrilotriacetic acid, Trisodium salt monohydrate | No | No | No |

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections Yes No Acute (immediate) Health Hazard
 Yes No Chronic (delayed) Health Hazard
 Yes No Fire Hazard

311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

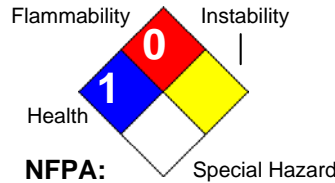
| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-------------|--|--|
| 111-76-2 | Ethanol, 2-Butoxy- | CAA HAP,ODC: HAP CWA NPDES: No TSCA: Yes - Inventory |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory |
| 68025-51-4 | Phosphate ester | CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory |
| 127087-87-0 | Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched | CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory, 8A PAIR |
| 18662-53-8 | Nitrilotriacetic acid, Trisodium salt monohydrate | CAA HAP,ODC: No CWA NPDES: No TSCA: No |

16. Other Information

Revision Date: 06/03/2015

Hazard Rating System:

| | |
|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL | 0 |
| PPE | |



HMIS:

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.