

Natural Sealer

Material Safety Data Sheet

SECTION I. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT CODE: 96F-163A
 PRODUCT NAME: Natural Sealer

SECTION II. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name/CAS No | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dipropylene Glycol Butoxy Ether 29911-28-2 2.84% Vapor Pressure: .1 mmHg@ 20 C | Not Listed | Not Listed | |
| Dipropylene Glycol Monomethyl Ether 34590-94-8 1.42 % Vapor Pressure: .5 mmHg @ 68 F | Skin :VPEL 100 ppm - TWA Skin :VPEL 150 ppm - STEL | Skin :VPEL 100 ppm - TWA Skin :VPEL 150 ppm - STEL | |
| Butyl Benzyl Phthalate 85-68-7 1.32 % Vapor Pressure: 0 | | | The HSE has set an allowable TWA of 5 mg/m ³ . Two states have set guidelines or standards for butyl benzyl phthalate in ambient air. They are 100 µg/m ³ for both New York and Florida. |

SECTION III. HAZARDS IDENTIFICATION

HMIS Rating: 2 - 1 - 0

Routes of Entry:

Inhalation Skin Contact Eye Contact Ingestion

Exposure to this material may effect the following organs:

Eyes Liver Skin

Effects of Overexposure, Butyl Benzyl Phthalate:

Short Term Exposure Irritates the eyes, the skin and the respiratory tract. Skin contact may cause a burning sensation. High levels of this chemical may cause dizziness and lightheadedness. The oral LD50 rat is 2,330 mg/kg (slightly toxic).

Long Term Exposure Listed by NTP as an animal carcinogen. No data for humans. May affect liver and kidney function. Repeated exposure may damage the nervous system, causing weakness, "pins and needles," and poor coordination in arms and legs.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA, or ACGIH.

Butyl Benzyl Phthalate: (NCI/NTP)

SECTION IV. FIRST AID MEASURES

Inhalation: Move person to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention!

Eye Contact: In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

Ingestion: Do not induce vomiting. This may cause chemical pneumonitis and pulmonary edema. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs. Seek immediate medical attention.

SECTION V. FIRE FIGHTING MEASURES

Flash Point: >100°C (>212°F)

LEL: 0.6%

UEL: 20.4%

Extinguishing Media: Use carbon dioxide (CO₂), foam, dry chemical, or water spray/water fog extinguishing system.

Unusual Fire and Explosion Hazards: Vapors may travel considerable distance by air and become ignited by ignition sources.

Fire Fighting Instructions: Full protective equipment including self contained breathing apparatus should be used.

Fire Equipment: Water spray may not be effective, use fog nozzles.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedure: Eliminate all ignition sources. Ventilate the area. Use appropriate respirator and protective clothing.

Small Spills: Contain spill areas with dikes. Recover spilled material into containers. Absorb remainder with absorbent material.

Large Spills: If small spill measures do not contain the spill, notify local authorities and/or the fire department.

SECTION VII. HANDLING AND STORAGE

Handling: Avoid prolonged breathing or contact with product. Keep containers closed when not in use. Do not cut, drill, grind, or weld near containers even when empty. Use non-sparking tools when working around this material.

Storage Requirements: Protect from freezing. Keep containers closed when not in use. Keep away from excessive heat, open flames, or sparks.

Regulatory Requirements: Consult national, state and local environmental laws.

SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Exhaust as required to keep exposure below Threshold Limit Values

Protective Gear: If ventilation equipment cannot control exposures below the TLV's, wear a properly fitted organic/particulate NIOSH/MSHA approved respirator. Wear rubber or neoprene protective gloves for repeated or prolonged skin contact. Wear safety glasses or face shield for eye protection.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|-------------------|------------------------|-------|
| Appearance: | liquid | % Volume Volatile: | 78.27 |
| Odor: | | Specific Gravity (SG): | 1.020 |
| Physical State: | liquid | Lbs VOC/Gallon Solids: | 1.67 |
| Vapor Density: | heavier than air | Lbs/Gal VOC Less | |
| Vapor Pressure: | 0 mm Hg @ 20C | Exempt Less Water: | 1.37 |
| Evaporation Rate: | faster than ether | | |
| Boiling Range: | 180 to 229° C | | |

SECTION X. STABILITY AND REACTIVITY

Stability: stable

Incompatibility: Strong acids or bases.

Hazardous Decomposition: Oxides of carbon and nitrogen.

SECTION XI. TOXICOLOGICAL INFORMATION

LD 50: Oral: 3700-4400 mg/kg ; 5157 mg/kg

SECTION XII. ECOLOGICAL INFORMATION

Ecotoxicity: Protect environment from spills and releases.

SECTION XIII. DISPOSAL CONSIDERATIONS

Disposal: As the US EPA, state, local or other regulatory agency may have jurisdiction over the disposal of your facility's waste, it is incumbent on you, to learn and satisfy all the regulations which effect you. Dispose of in accordance to government regulations. Destroy by liquid incineration by certified environmental service group

SECTION XIV. TRANSPORT INFORMATION

Protect from freezing.

Agency

| DOT | Proper Shipping Name | UN Number | Packing Group | Hazard Class |
|-----|----------------------|-----------|---------------|--------------|
| | Paint | Not req* | | Not reg** |
| | *- Not required | | | |
| | ** - Not regulated | | | |

SECTION XV. REGULATORY INFORMATION

Additional regulatory listings where applicable

SARA Section 313 Emission Reporting

29911-28-2 Dipropylene Glycol Butoxy Ether 2.77%

7664-41-7 Ammonia 0.13%

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory: None



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