

MATERIAL SAFETY DATA SHEET



1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name **Falcon Waterfree Sealant**

Manufacturer Biosolutions LLC
1811 Hayes Suite E
Grand Haven, MI 49417

Telephone Numbers: 24 Hr Emergency call CHEMTREC:
1-800-424-9300 (U.S.)
1-703-527-3887 (outside the U.S.)
General Assistance: (616) 846-1210

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Proprietary Blend	N/A	

3 HAZARDS IDENTIFICATION

Emergency Overview

Clear dark blue oily liquid with lemon citronella scent. Low level hazard for industrial handling. In high concentrations vapor may cause eye, nose and upper respiratory irritation.

HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	B	

Health Hazard: Low hazard for usual industrial handling.

Fire or Explosion: This product may burn, but will not ignite readily.

Health Effects: Eyes

May cause eye irritation, especially with exposure to concentrated vapors.

Health Effects: Skin

Exposure is not expected to cause significant irritation or toxicity. May cause skin irritation with prolonged contact.

Health Effects: Inhalation

Under normal use conditions, this product is not expected to pose an inhalation hazard. Exposure to high vapor concentrations may be irritating to the upper respiratory tract.

Health Effects: Ingestion

Material is relatively non-toxic. Ingestion of small amounts may result in nausea and vomiting.

4 FIRST AID MEASURES

Eyes: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

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Skin: For skin contact flush with large amounts of water. Wash skin with soap and water. If irritation persists, get medical attention.

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

Ingestion: If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

5 FIRE FIGHTING MEASURES

Flash point: N/A

Flammability Limits in Air (%V): Not Determined

Extinguishing Media: Use carbon dioxide, foam, fog, or dry chemical

Fire Fighting Equipment / Instructions: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Ventilate if in closed spaces. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Surfaces may become slippery after spillage.

Handling Procedures

Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

7 HANDLING & STORAGE

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Storage Procedures

Storage Temperature: Storage temperature should not be held over 110°F for long periods of time. Store in steel or stainless steel with effective moisture and oxygen control. Aluminum is not suitable for storage.

Engineering Controls

Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed confined spaces or at elevated temperatures.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment: Eyes/Face

Wear chemical safety glasses, goggles or face shield (if splashing is possible).

Personal Protective Equipment: Skin

Wear suitable protective clothing. Use impervious gloves.

Personal Protective Equipment: Respiratory

Under normal conditions of use, respirator is not normally required. If irritation is experienced, use general ventilation or NIOSH approved respiratory protection.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

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9 PHYSICAL & CHEMICAL PROPERTIES

Flash Point: N/A

Boiling Point: >212°F

Specific Gravity: 0.83 – 0.85 @ 25 °C

pH: N/A

Vapor Pressure: N/A

Percent Volatile By Weight: 0.6% via method ASTM D-2369

Solubility in Water: Insoluble.

Appearance and Odor: Clear Dark Blue liquid with lemon citronella odor.

Chemical Stability: Stable under normal conditions.

10 STABILITY & REACTIVITY

Conditions to Avoid – High temperatures and sources of ignition.

Incompatibility – May react with strong oxidizers, inorganic acids and halogens.

Hazardous Polymerization - Should not occur.

Hazardous Decomposition: Carbon monoxide and carbon dioxide

Carcinogenicity - Not listed as carcinogenic according to IARC, NTP or OSHA.

11 TOXICOLOGICAL INFORMATION

EYES: Primary Eye Irritation Index (Rabbits): 6 (maximum score is 110)

SKIN: Primary Skin Irritation Index (Rabbits): 0.6 (maximum score is 8.0)

Acute dermal toxicity LD50 (rabbit): >2000mg/kg

INHALATION: No data available

INGESTION: Acute Oral LD50 (Rat): 50.4 ml/kg

12 ECOLOGICAL INFORMATION

Ecotoxicological Information:

Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.

(Leuciscus idus (Golden orfe)) 48 hours:

Information taken from reference works and the literature. In the range of water solubility not toxic under test conditions.

EC50 (Daphnia) 48 hours: > 100 mg/l OECD Test Guideline 202

Environmental Fate:

Readily biodegradable. CO2 Headspace Test (ISO 14593) (28 d): > 60%

Test Substance ISOFOL® 20 Alcohol

Information taken from reference works and the literature.

13 DISPOSAL CONSIDERATIONS

Disposal Instructions

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

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14 US DOT TRANSPORT INFORMATION

DOT Description:	Not regulated for transport
Proper Shipping Name	Not regulated for transport
Hazard Class	Not regulated for transport
Identification Number	Not regulated for transport
Packaging Group	Not regulated for transport
Bill of Lading Description	Sealant

15 REGULATORY INFORMATION

OSHA Hazard Communication Standard Classification: Non-hazardous

SARA 302 Status: Contains no chemicals subject to SARA 302 reporting

SARA 311/312: Contains no chemicals subject to SARA 311/312 reporting

SARA 313 Chemical: Contains no chemicals subject to SARA 313 reporting

Toxic Substances Control Act (TSCA): All components of this product are listed on TSCA.

CERCLA Hazardous Substance: None

WHMIS Classification: Non-hazardous

California Proposition 65: This Product Does Not Contain Ingredients On The List of Proposition 65.

16 OTHER INFORMATION

17 DISCLAIMER OF WARRANTY

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use of thereof. Seller assumes no responsibility for injury to buyer or third party or any damage to property. Buyer assumes all such risks.