

**Safety Data Sheet**

Form: Liquid

**Section 1: Chemical Product and Company Information**

Product identifier: surfactant blend  
 Other identifier: trade name(s) IMPACT-S  
 Recommended use: Agricultural  
 Supplier information: Environmental Dynamics, Inc.  
 2455 Hawthorne Ave.  
 Buena Vista, VA 24416 (p)540-261-2008 (f)540-261-2665  
 Emergency phone: 800-448-4723

**Section 2: Hazards Identification**

Hazard Class: Eye irritant Category 2B (H320)  
 Eye damage 1 (H318)  
 Skin irritant 2 (H315)  
 Respiratory sensitization category 1  
 Aquatic environment acute hazard category 3

Signal Word: Danger

Hazard Statement: May cause mild eye irritation. Inhalation of mist may cause allergic reactions in susceptible individuals with repeated exposure.

Precautionary statement: Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after using. Do not ingest.

Hazard symbol: Exclamation mark!



Health Hazard

**Section 3: Composition / hazardous ingredients information & GHS classification**

Name: 2-(2-Butoxyethoxy) ethanol CAS# 112-34-5 % by vol. <4.95 by wt <4.45  
 Eye irrit 2B (H320); Eye damage 1 (H318); skin irrit 2 (H315)

Name: Sodium Dioctyl Sulfosuccinate CAS# 577-11-7 % by vol <4.10 by wt <4.26  
 Skin irrit. 2 (H315); Eye damage 1 (H318)

Name: Ethyl Alcohol CAS# 64-17-5 % by vol <0.36 by wt. <0.371  
 Flam liq. 2 (H255); Repr. 1A (H360); skin irrit 3(H316); eye irrit. 2B (H320)

#### Section 4: First aid measures

Inhalation: Remove to fresh air. Report the situation. Seek medical attention if allergic response exhibited.

Eye contact: Flush eyes with clean water for 15 minutes. Seek medical attention.

Skin contact: Wash area with soap and water. Remove contaminated clothing and wash.

Ingestion: Rinse mouth with water. If swallowed drink water. Do not induce vomiting. Seek medical attention.

#### Section 5: Fire fighting measures

Extinguishing media: Product is non-flammable

#### Section 6: Accidental release measures

Personal precautions: Avoid breathing mist or fumes. Provide adequate ventilation. Avoid contact with eyes. Avoid ingestion.

Disposal: Prevent from entering into soil sewers waterways and/or ground water. Absorb with inert absorbent material, collect in properly labeled waste disposal container.

#### Section 7: Handling and storage

Precautions: Use in well ventilated areas. Keep container closed when not in use. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wear protective gloves and eye/face protection. Wash thoroughly after using.

#### Section 8: Exposure controls / Personal protection

Use with adequate local or mechanical ventilation. Use chemical goggles or face shield for eye protection. Protective gloves and coveralls are recommended.

#### Section 9: Physical and chemical properties

Vapor density air = 1; slightly viscous colorless – pH 5.5-8.5; melting point/freezing point N/A; initial boiling point 100-105C; flash point N/A; evaporation rate = as water; flammability = non-flammable; vapor pressure = as water; relative density = 1.01-1.03; solubility = soluble; partition coefficient n-octanol/water = N/A; autoignition temp = non-flammable; decomposition temp. = N/A;

#### Section 10: Stability and reactivity

Stability: stable; reactivity: no dangerous reaction known under conditions of normal use; hazardous decomposition products: N/A; incompatible materials: strong acids, strong bases, temp above 125F (51C): hazardous polymerization will not occur.

#### Section 11: Toxicological information

Acute toxicity: Not available, very low toxicity if swallowed reported for butyl carbitol component <04.95% by volume; skin irritant category 3; inhalation: no adverse effects; eye irritant category 2B; developmental/reproductive effects; non demonstrated, not expected to produce reproductive toxicity; Mutagenicity; negative; Carcinogenicity: Ethanol @ 0.371% by weight is classified not classified as a carcinogen by IARC-1, ACGIH-A3, NTP (as alcoholic beverages).

#### Section 12: Ecological information

Mobility N/A; Degradation: Product is readily biodegradable; Aquatic toxicity: sodium dioctyl sulfasuccinate @ 4.26% by weight classified as harmful to aquatic life; Other adverse effects: N/A.

#### Section 13: Disposal considerations

. Do not dump into sewers, on the ground or into any body of water. Dispose of in accordance with local state and federal regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. As your supplier we have no control over management practices or parties handling or using this material. The information presented here pertains

only to the product as shipped in its intended condition as described in SDS section: composition information. For unused and uncontaminated product, the preferred options include sending to a licensed, permitted incinerator or other thermal destruction device.

Section 14: Transport information

UN number: Not classified; UN Proper shipping name: Not classified; Transportation hazard class: Not classified; Packing group: Not classified; Transport environmental hazard: Not classified; Transport special precautions: Not classified; MARPOL: Not classified

Section 15: Regulatory information

The active ingredient and all components of this preparation are listed in the TSCA inventory.

Section 16: Other information

Component Hazard Phrases	Sodium dioctyl sulfosuccinate (H315) – causes skin irritation (H318)- causes serious eye damage
Ethanol	(H225) – highly flammable liquid vapor (H316) – causes mild skin irritation (H320) – causes eye irritation
(if ingested)	(H360) – may damage fertility or unborn child

Revision history: 0 Effective date: June 2015

First issue

GHS FORMAT