



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

PROLECT™

Common Name: Acidifying Lecithin Based Surfactant Blend.
Chemical Description: Propionic Acid and Surfactant Blend.
TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Brandt Consolidated, Inc.
2935 So. Koke Mill Road
Springfield, IL 62711

Emergency Phone Numbers

CHEMTREC (24-Hour Emergency Number): (800) 424-9300
EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

| CHEMICAL | CAS NO. | % | TLV OR PEL | RQ (lbs) |
|----------------|---------|------|--------------------------|----------|
| Propionic Acid | 79-09-4 | 35.0 | 30 mg/m ³ TWA | 5,000 |

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Brown oily fluid, characteristic organic acid aroma. Corrosive to eyes. Causes irreversible eye damage. May cause skin irritation. Vapors or mist in excess of permissible concentrations such as generated from spraying or heating the product may cause irritation of the nose and throat, headache, nausea and drowsiness. Ingestion may cause abdominal discomfort. Soybean derived product, if sensitive to soy products avoid usage. Not D.O.T. regulated.

HEALTH: 3 REACTIVITY: 0 FLAMMABILITY: 1 ENVIRONMENT: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelid apart while flushing to rinse entire surface of eye and lids with water. Get medical attention.

Skin: Wash skin with plenty of soap and water. Get medical attention if skin irritation develops or persists.

Ingestion: If patient is conscious and can swallow, give 2 glasses of water (16oz). Induce vomiting as directed by medical personnel. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

Inhalation: If irritation, headache, nausea or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

Other: This product is derived from soybeans. If sensitive to soy products avoid usage.

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| SECTION 5. | FIRE AND EXPLOSION HAZARDS |
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| Flash Point: | Not available. |
| Test Method: | Not available. |
| LEL Flammable Limits: | Not available. |
| UEL Flammable Limits: | Not available. |
| Autoignition Temperature: | Not available. |
| Flammability Classification: | Not available. |
| Known Hazardous Products of Combustion: | Not available. |
| Properties that Initiate/Contribute to Intensity of Fire: | Not available. |
| Potential For Dust Explosion: | Not available. |
| Reactions that Release Flammable Gases or Vapors: | Not available. |
| Potential For Release of Flammable Vapors: | Not available. |
| Unusual Fire & Explosion Hazards: | Not available. |
| Extinguishing Media: | Dry chemical, foam or carbon dioxide. |
| Special Firefighting Procedures: | Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff. |

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| SECTION 6. | SPILLS AND LEAKS |
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| Containment: | Prevent product spillage from entering waterways. |
| Clean Up: | Contain spill if possible with absorbent materials such as clay or soil. Remove to approved landfill according to federal, state or local regulations. Avoid skin and eye contact. Wear protective equipment during clean up. |
| Evacuation: | Not necessary. |

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| SECTION 7. | STORAGE AND HANDLING |
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| Storage: | Store product to prevent contamination from any source. Keep containers closed. Avoid temperature extremes during storage. |
| Transfer Equipment: | Transfer product using chemical-resistant plastic tanks, pumps, valves, etc. |
| Work/Hygienic Practices: | Keep out of reach of children. Corrosive to eyes. Causes irreversible eye damage. Do not get in eyes or on skin or clothing. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. |

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| SECTION 8. | PERSONAL PROTECTIVE EQUIPMENT |
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| Eyes: | Wear chemical goggles or face shield to prevent eye contact with spills, splashes or vapors. Eye wash should be available. |
| Skin: | Chemical resistant gloves should be worn to prevent skin contact. |
| Respiratory: | Respiratory equipment may be required if material is used in poorly ventilated areas or if material is sprayed or heated. Follow OSHA respiratory regulations found in 29 CFR 1910.134. Use an NIOSH approved respirator when necessary. |
| Ventilation: | General ventilation is recommended. Local ventilation may be required if material is sprayed or heated. |

SECTION 9. PHYSICAL AND CHEMICAL DATA

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| Appearance: | Brown oily fluid. |
| Odor: | Pungent. |
| pH: | 3.0 (1% solution) |
| Vapor Pressure: | Not available. |
| Vapor Density (Air=1): | Not available. |
| Boiling Point: | Not available. |
| Freezing Point: | Not available. |
| Water Solubility: | Not available. |
| Density: | 8.59 lbs./gal. |
| Evaporation Rate: | Not available. |
| Viscosity: | 43 cps (25°C, 30 rpm) |
| % Volatile: | Not available. |
| Octanol/Water Partition Coefficient: | Not available. |
| Saturated Vapor Concentration: | Not available. |

SECTION 10. STABILITY AND REACTIVITY

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| Stability: | Stable under normal temperatures and pressures. |
| Conditions to Avoid: | Hydrolysis may occur in the presence of strong acids or bases. |
| Incompatibility: | Strong oxidizing agents. |
| Hazardous Decomposition Products: | Burning results in toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones. |
| Hazardous Polymerization: | Will not occur. |

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

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| Eyes: | Corrosive to eyes. |
| Skin: | May cause irritation of skin. LD ₅₀ (Rats): >2,000 mg/kg. |
| Ingestion: | May cause abdominal discomfort, nausea and diarrhea. LD ₅₀ (Rats): >5,000 mg/kg. |
| Inhalation: | May cause irritation of the nose and throat, headache, nausea and drowsiness. LC ₅₀ (Rats): >2.06 mg/L |
| <u>Chronic Effects:</u> | Not a contact skin sensitizer. |

SECTION 12. ECOLOGICAL INFORMATION

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| Algal/Lemna Growth Inhibition: | Not available. |
| Toxicity to Fish and Invertebrates: | Not available. |
| Toxicity to Plants: | Not available. |
| Toxicity in Birds: | Not available. |

SECTION 13. DISPOSAL

This product, as supplied, when discarded or disposed of, will not be hazardous waste according to U.S. federal regulations. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal and local regulations.

SECTION 14. TRANSPORTATION

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| D.O.T.: | Not D.O.T. Regulated. |
| Other Shipping Description: | Adhesives, Adjuvants, Spreaders and Stickers. NMFC Item 4612, LTL Class 60 |

SECTION 15. REGULATORY INFORMATION

CERCLA: None
SARA Title III, Section 313 Toxic Chemicals: None
Proposition 65 (CA): None

SECTION 16. OTHER

The information in this data sheet does not constitute any contractual warrant as to product properties and is based on the current state of knowledge. For all chemical emergencies, call CHEMTREC at (800)424-9300