



MATERIAL SAFETY DATA SHEET

REVISION DATE: 06/17/2011
 DATE PRINTED: 06/17/2011

REVISION NUMBER: 6
 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **BIOGENIC ELECTROSAFE, Solvent Degreaser**
 PRODUCT CODE: 117576

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 2/2
 Reactivity: 0/0 Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
 333 Hollenbeck Street
 Rochester, New York 14621
 USA
 Emergency Phone: INFOTRAC: 1-800-535-5053
 OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting. Aspiration of ingested or vomited liquid into the lungs may cause chemical pneumonia, which can be fatal. Harmful if swallowed.

SKIN CONTACT: Causes skin burns which may not be immediately painful or visible. Repeated or prolonged contact may cause skin sensitization.

INHALATION: May cause kidney effects. Inhalation of vapors or mists may cause nose and respiratory irritation, sore throat, and coughing. Harmful if inhaled.

EYE CONTACT: Causes severe eye burns which may not be immediately painful or visible.

CHRONIC EFFECTS: None known.

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Petroleum distillate 64742-47-8	75 min.	Not applicable	Not applicable
d-Limonene - combustible 5989-27-5	35 max.	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Get immediate medical attention. DO NOT INDUCE VOMITING. May cause aspiration pneumonia. Never give anything by mouth to an unconscious person.

SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTES TO PHYSICIAN: None.

BIOGENIC ELECTROSAFE, Solvent Degreaser

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 152° F (C): 66.7° C
METHOD:	TCC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	0.6%
UPPER (%):	7.0%
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Alcohol foam. Dry chemical. Water.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:	Reclaim as much as possible.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	WARNING Combustible Use only with adequate ventilation. Do not inhale vapors. Do not store near heat, sparks or flame. Do not store near oxidizing agents. Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge. Vapors are heavier than air and may tend to collect in low or poorly ventilated areas resulting in possible fire and/or inhalation hazard. Store only in original container and keep closed. Do not reuse container.
OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Use in a well ventilated area.
RESPIRATORY PROTECTION:	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
PROTECTIVE GLOVES:	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
EYE PROTECTION:	Safety glasses are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	Local exhaust ventilation recommended. Use non-sparking equipment. No smoking or open lights.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear, colorless liquid. Citrus odor.
-----------------------------	---------------------------------------

BIOGENIC ELECTROSAFE, Solvent Degreaser

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	310° - 460° F	(C) 154.4° F - 237.8° C
VAPOR PRESSURE:	0.5 mm Hg @ 75° F	
VAPOR DENSITY (AIR=1):	< 5	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	0.806 - 0.816	
VOC Content (%):	100 (Per EPA Method 24)	
EVAPORATION RATE:	< (BuAc = 1) : 1.26	
PH:	Not determined	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Irritating fumes. Incomplete combustion produces: Smoke. Soot. Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID):	Acids. Strong oxidents, such as nitric acid, or hypochlorites.
CONDITIONS/HAZARDS TO AVOID:	High temperatures may cause decomposition.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
--------------------------------	--

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Petroleum distillate 64742-47-8	75 min.	Listed	Listed	Listed	Not Listed
d-Limonene - combustible 5989-27-5	35 max.	Listed	Listed	Listed	Not Listed

BIOGENIC ELECTROSAFE, Solvent Degreaser

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Petroleum distillate 64742-47-8	75 min.	Not Listed	Not Listed	Not Listed
d-Limonene - combustible 5989-27-5	35 max.	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
d-Limonene - combustible 5989-27-5	35 max.	Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***