

ROCHESTER MIDLAND CORPORATION -- BIOGENIC SE 377C -- 6850-01-311-0192

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Product Identification
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Product ID: BIOGENIC SE 377C

MSDS Date: 12/16/1988

FSC: 6850

NIIN: 01-311-0192

MSDS Number: BHRJQ

=== Responsible Party ===

Company Name: ROCHESTER MIDLAND CORPORATION

Address: 333 HOLLENBECK STREET

Box: 1515

City: ROCHESTER

State: NY

ZIP: 14603-1515

Country: US

Info Phone Num: 716-266-2250

Emergency Phon

e Num: 716-266-2283

CAGE: 13091

=== Contractor Identification ===

Company Name: ROCHESTER MIDLAND CORP, INDUSTRIAL DIV

Address: 321 COMMERCIAL AVE

Box: City: PALISADES PARK

State: NJ

ZIP: 07650

Country: US

Phone: 201-947-9880

CAGE: 0D8W2

Company Name: ROCHESTER MIDLAND CORPORATION

Address: 333 HOLLENBECK STREET

Box: 1515

City: ROCHESTER

State: NY

ZIP: 14603-1515

Country: US

Phone: 716-336-2200

CAGE: 13091

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Composition/Information on Ingredients
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Ingred Name: D-LIMONENE

CAS: 5989-27-5

RTE

CS #:GW6360000
Fraction by Wt: 30%

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 50%

Ingred Name:ANIONIC SURFACTANT
Fraction by Wt: 20%

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE IRRITANT. PROLONGED SKIN
CONTACT CAN CAUSE IRRITATION OR DERMATITIS. EXCESS INHALTION MAY
CAUSE NOSE AND RESPIR
ATORY IRRITATION; HEADACHE, NAUSEA, DIZZINESS.
CHRONIC: NONE KNOWN.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION;
HEADACHE, NAUSEA, DIZZINESS.
Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS MAY BE
AGGRAVATED BY INHALATION.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH RUNNING WATER F
OR 15 MINUTES WHILE HOLDING
EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH WATER.
REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INHALATION:
REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT
BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE
VOMITING. IF CONSCIOUS GIVE DRINK OF WATER TO DILUTE. GET MEDICAL
ATTENTION IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:

122F,50C

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG OR SPRAY.

Fire Fighting Procedures:AS FOR ANY COMBUSTIBLE HYDROCARBON. USE AIR SUPPLIED BREATHING EQUIPMENT. AVOID BREATHING VAPOR OR FUMES. COOL EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID. DO NOT STORE OR MIX WITH STRONG OXIDANTS. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE. DO NOT CUT OR WELD ON OR NEAR CONTAINERS.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA AND USE APPROPRIATE PROTECTIVE EQUIPMENT. SMALL SPILLS: MOP UP ALL POSSIBLE. FLUSH RESIDUE WITH WATER. LARGE SPILLS: DIKE TO CONTAIN LIQUID, RECLAIM ALL POSSIBLE. ABSORB REMAINDER ON INERT MATERIAL AND PLACE IN CLOSED CONTAINERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. AVOID

BREATHING VAPORS. DO NOT STORE OR HANDLE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS. KEEP CONTAINER CLOSED.

Other Precautions:DO NOT REUSE EMPTY CONTAINER. STORE ONLY IN ORIGINAL CONTAINER. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH CONTAMINATED CLOTHING BEFORE REUSE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NORMALLY NEEDED. USE NIOSH/MSHA APPROVED RESPIRATOR IN ENCLOSED AREA OR IF SPRAY IN AIR.

Ventilation:AS NEEDED IF VAPOR OR SPRAY IN AIR. USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH SKIN CONTACT AREAS IMMEDIATELY. WEAR SOLVENT RESISTANT GLOVES FOR OTHER THAN INCIDENTAL HAND CONTACT WHILE USING.

Supplemental Safety and Health

PER MANUFACTURER; PH IS ELEVATED DUE TO 20% ANIONIC SURFACTANTS. THE PRODUCT IS 50%

WATER. THE MAJOR HAZARD IS COMBUSTIBILITY.

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:=100.C, 212.F

Vapor Pres:5.6

Spec Gravity:0.999

pH:12.2

Evaporation Rate & Reference:SAME AS WATER

Solubility in Water:EMULSIFIES

Appearance and Odor:CLEAR YELLOW LIQUID; CITRUS ODOR

Percent Volatiles by Volume:83

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:OPEN FLAMES OR WELDING ARCS.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION PRODUCES FUMES, SMOKE AND CARBON DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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