

SPARTAN CHEMICAL CO INC -- SHINELINE EMULSIFIER PLUS -- 7930-01-436-7981

===== Product Identification =====

Product ID:SHINELINE EMULSIFIER PLUS

MSDS Date:07/18/1996

FSC:7930

NIIN:01-436-7981

Status Code:A

MSDS Number: CLBMW

=== Responsible Party ===

Company Name:SPARTAN CHEMICAL CO INC

Address:110 NORTH WESTWOOD AVE

City:TOLEDO

State:OH

ZIP:43607

Country:US

Info Phone Num:419-531-5551

Emergency

Phone Num:419-531-5551

Preparer's Name:THOMAS J. MITCHELL

CAGE:23212

=== Contractor Identification ===

Company Name:SPARTAN CHEMICAL CO INC. IPG INDUSTRIAL PRODUCTS GROUP

Address:110 N WESTWOOD AVE

Box:City:TOLEDO

State:OH

ZIP:43607

Country:US

Phone:800-537-8990/419-531-5551

CAGE:23212

===== Composition/Information on Ingredients =====

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 28%

Other REC Limits:120MG/M3 TWA

Ingred Name:SODIUM HYDROXIDE (S

ARA III)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 1.5%
Other REC Limits:2 MG/M3 CEILING
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MONOETANEOLAMINE
CAS:141-43-5
RTECS #:KJ5775000
Other REC Limits:STEL 15MG/M3
OSHA PEL:TWA 8 MG/M3

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SEVERE EYE AND SKIN IRRITANT. AVOID
PROL
ONGED SKIN CONTACT AND INHALATION OF VAPORS OR MISTS.
BUTOXYETHANOL IS ABSORBED THROUGH THE SKIN WHICH MAY EFFECT LIVER,
KIDNEYS, LIMPH AND BLOOD SYSTEMS. IHALA TION: MAY IRRITATE THROAT
AND RESPIRATORY SYSTEM.
Medical Cond Aggravated by Exposure:UNKNOWN.

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First Aid Measures
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
REMOVE CONTACT LENSES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH
COPIOUS AMOUNTS OF WAT
ER. IF IRRITATION PERSISTS, SEE DR.
INGESTION: DRINK PL ENTY OF WATER. DO NOT INDUCE VOMITING. CALL
DR.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:NONE
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:SMALL QUANTITIES CAN BE FLUSHED W/WATER INTO
SANITARY SEWER; LARGE QUANTITIES SHOULD BE ABSORBED OR CONTAINED.
Neutralizing Agent:NONE SPECIF

IED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT FREEZE, DO NOT STORE >120F.

Other Precautions:NONE

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . NOT REQUIRED.

Ventilation:GOOD GENERAL VENT SHOULD BE SUFFICIENT FOR MOST CONDITIONS. LOC EXHAUST VENT MAY BE NECESSARY FOR SOME OPERATIONS.

Pro

ective Gloves:SOLVENT RESISTANT TYPE GLOVES.

Eye Protection:CHEM WORK GOGG & FULL LGTH FCSHLD

Other Protective Equipment:UNDER CERTAIN CONDITIONS ALKALI RESISTANT APRONS & BOOTS ARE SUGGESTED. EMERGENCY EYEWASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

Boiling Pt:=93.3C, 200.F

Spec Gravity:1.02 (H2O=1)

pH:13.5-13.7

Evaporation Rate & Reference: