

SPACE CHEMICAL,INC. -- AI 1080-93-2 NAVY TYPE I -- 6850-01-237-8003

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

Product ID:AI 1080-93-2 NAVY TYPE I

MSDS Date:04/01/1996

FSC:6850

NIIN:01-237-8003

Status Code:A

MSDS Number: CJFTH

=== Responsible Party ===

Company Name:SPACE CHEMICAL,INC.

Address:30 INDIANA ROAD EXT

Box:1228

City:BLAIRSVILLE

State:PA

ZIP:15701

Country:US

Info Phone Num:412-459-5001

Emergency

Phone Num:800-535-5053/814-743-6630

CAGE:0C3Y2

=== Contractor Identification ===

Company Name:SPACE CHEMICAL INC.

Address:RD 2 BOX 187-A

Box:City:CHERRY TREE

State:PA

ZIP:15724

Country:US

Phone:814-743-6630

Contract Num:SP0450-99-M-C669

CAGE:0C3Y2

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

Ingred Name:NONIONIC SURFACTANT

Other REC Limits:NONE RECOMMENDED

Ingred Name:AMIDES, C8-18 AND C18-UNSATD.,

N,N-BIS(HYDROXYETHYL)/COCAMIDE DEA

CAS:68155-07-7

Other REC Limits

:NONE RECOMMENDED

Ingred Name:AROMATIC HYDROCARBON
Other REC Limits:NONE RECOMMENDED

Ingred Name:FORMULATED INHIBITOR
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM

Ingred Name:ETHANOLAMINE
CAS:141-43-5
RTECS #:KJ5775000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:6 MG/M3;3 PPM
ACGIH TLV:7.5 MG/M3;3 PPM
ACGIH STEL:15 MG/M3;6 PPM

Ingred Name:MORPHOLINE
CAS:110-91-8
RTECS #:QD6475000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:70 MG/M3;20 PPM
ACGIH TLV:71 MG/M3;20 PPM

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, CENTRAL
NERVOUS SYSTEM, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE -
INHALATION MAY CAUSE NAUSEA AND LOSS OF MOTOR SKILLS. CONTACT WITH
EYES MAY RESULT IN MODERATE IRRITATION. SKIN CONTACT MAY RESULT IN
MODERATE IRRITATION. INGESTION MAY CAUSE N
AUSEA, VOMITING, HEADACHE
AND OTHER MEDICAL PROBLEMS. CHRONIC - UNKNOWN.
Explanation of Carcinogenicity:NOT A CARCINOGEN.
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, TEARING, BLURRED
VISION, HEADACHE, WEAKNESS, LOSS OF MOTOR SKILLS
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN
DISORDERS MAY BE MORE SUCCEPTIBLE TO THE EFFECTS FROM PROLONGED
EXPOSURE TO THIS PRODUCT.

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

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: REMOVE TO FRESH AIR. EYE/SKIN: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INGESTION: DO NOT INDUCE VOMITING. IF PATIENT IS FULLY CONSCIOUS, DRINK WATER, MILK OF MAGNESIA. SEEK MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC

Flash Point:NONE TO IBP

Extinguish

ing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR AN APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:SEALED CONTAINER EXPOSED TO HEAT RESULTS IN VAPOR PRESSURE BUILDUP AND POSSIBLE RUPTURE. KEEP COOL WITH WATER TO PREVENT RUPTURE.

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

Spill Release Procedures:SMALL SPILLS CAN BE FLUSHED DOWN LOCAL DRAINS. LARGE SPILLS

CAN BE ABSORBED WITH AN INERT MATERIAL SUCH AS SAND, SOIL, OR CLAY. PLACE IN A CONTAINER FOR DISPOSAL. CLEAN AREA THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:DILUTE ACID

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

Handling and Storage Precautions:STORE BETWEEN 40 AND 120 DEGREES F.

Other Precautions:CONTAINER MAY BE UNDER PRESSURE. DO NOT WELD EMPTY CONTAINER, VAPORS MAY IGNITE. AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON

SKIN OR ON CLOTHING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:CHEMICAL CARTRIDGE RESPIRATOR

Ventilation:LOCAL EXHAUST

Protective Gloves:RUBBER GLOVES

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH AND SAFETY SHOWER SHOULD BE NEARBY

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES

RES. WASH AFTER HANDLING AND BEFORE EATING,
DRINKING OR SMOKING.

Supplemental Safety and Health

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

HCC:B2

Boiling Pt:=104.4C, 220.F

Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED

Vapor Pres:NOT DETERMINED

Vapor Density:NOT DETERM

Spec Gravity:1.01 (H2O=1)

pH:7.0 TO 10.0

Evaporation Rate & Reference:NOT DETERMINED

Solubility in Water:100 % COMPLETE

Appearance and Odor:BROWN TINT WITH SOLVENT-LIKE ODOR

===== Stab

ility and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:MAY EMIT SMOKE, SOOT, AND TOXIC FUMES
SUCH AS CARBON MONOXIDE AND CARBON DIOXIDE WHEN HEATED.

===== Toxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MA

NUFACTURER.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL,
STATE, AND FEDERAL LAWS AND REGULATIONS. RECYCLING OR REUSING IS
RECOMMENDED.

===== MSDS Transport Information =====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.

Federal Reg

ulatory Information:NONE SPECIFIED BY MANUFACTURER.
State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

===== Other Information =====

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