

SPACE CHEMICAL INC. -- AI 1080-93-2C NAVY TYPE I -- 6850-01-237-8004

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

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

MSDS Date:12/18/1998

FSC:6850

NIIN:01-237-8004

Status Code:A

MSDS Number: CJRHB

=== Responsible Party ===

Company Name:SPACE CHEMICAL INC.

Box:1228

City:INDIANA

State:PA

ZIP:15701

Country:US

Info Phone Num:814-743-6630

Emergency Phone Num:800-535-5053

CAGE:TO283

=== 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-C672

CAGE:0C3Y2

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-NC60

CAGE:0C3Y2

Company Name:SPACE CHEMICAL INC.

Address:Box:1228

City:INDIANA

State:PA

ZIP:15701

Country:US

Phone:814-743-6630

CAGE:TO283

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

Ingred Name:COCAMIDE DEA
CAS:68155-07-7
OSHA PEL:220 PPM
ACGIH TLV:220 PPM

Ingred Name:MORPHOLINE
CAS:110-91-8
RTECS #:QD6475000
Other REC Limits:NONE ESTABLISHED
OSHA PEL:N/D
ACGIH TLV:20 PPM

Ingred Name:NONIONIC SURFACTANT
Other REC Limits:NONE RECOMMENDED
OSHA PEL:110 PPM
ACGIH TLV:110 PPM

Ingred Name:ETHANOLAMINE
CAS:141-43-5
RTECS #:KJ5775000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:3 PPM
ACGIH TLV:3 PPM/6 STEL; 9495

Ingred Name:AROMATIC HYDROCARBON
CAS:64742-94-5
RTECS #:WF3100000
OSHA PEL:10 PPM
ACGIH TLV:10 PPM

Ingred Name:FORMULATED INHIBITOR
OSHA PEL:400 PPM
ACGIH TLV:400 PPM

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MODERATELY IRRITATING TO EYES AND
SKIN. INHALATION: MAY CAUSE NAUSEA, LOSS OF MOTOR SKILLS.
INGESTION: MAY CAUSE VOMITING, HEAD

ACHE, AND OTHER MEDICAL
PROBLEMS.

Explanation of Carcinogenicity:NOT A CARCINOGEN.

Effects of Overexposure:MODERATEY IRRITATING TO EYES AND SKIN.

INGESTION: MAY CAUSE VOMITING, HEADACHE AND OTHER MEDICAL

PROBLEMS. INHALATION: MAY CAUSE NAUSEA AND LOSS OF MOTOR SKILLS.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
AGGRAVATED WITH CONTACT.

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

First Aid:EYE & SKIN: FLUSH WITH WATER FOR 15 M
INUTES. IF IRRITATION

PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. DRINK WATER, MILK OF MAGNESIA.

GET MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:NONE TO IBP.

Autoignition Temp:Autoignition Temp Text:N/A.

Lower Limits:N/A.

Upper Limits:N/A.

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

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.

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

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

LARGE SPILLS CAN BE ABSORBED WITH INERT MATERIAL SUCH AS SAND, CLAY
OR SOIL.

Neutralizing Agent:NONE SPECIFIED BY MAN
UFACTURER.

===== 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.

===== 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 STATION AND SAFETY SHOWER SHOULD BE
NEAR BY.

Work Hygienic Practices:WASH HANDS BEFORE EATING. LAUNDER CONTAMINATED
CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1
NRC/State Lic Num:NONE
Boiling Pt:=104.4C, 220.F
Melt/Freeze Pt:M.P/F.P Text:N/D
Vapor Pres:N/D
Vapor Density:N/D
Spec Gravity:1.01
pH:7.0 - 10.0
Evaporation Rate & Reference:N/D
Solubility in Water:100
%, COMPLETE
Appearance and Odor:BROWN TINT COLOR WITH SOLVENT-LIKE ODOR.

===== Stability 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, CARBON DIOXIDE WHEN HEATED.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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