

SPACE CHEMICAL, INC. -- AI 1080-93-2 NAVY TYPE 1 -- 6850-01-237-7482

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

Product ID:AI 1080-93-2 NAVY TYPE 1

MSDS Date:04/01/1996

FSC:6850

NIIN:01-237-7482

Status Code:A

MSDS Number: CJKTR

=== 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:M

O832

=== 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-C581

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-NC21

CAGE:0C3Y2

Company Name:SPACE CHEMICAL, INC.

Box:1228

City:INDIANA

State:PA

ZIP:15701

Country:US

Phone:814-743-6630

CAGE:MO832

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

Ingred Name:NONIONIC SULFACTANT  
Other REC Limits:NONE RECOMMENDED

Ingred Name:COCAMIDES 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

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY  
SYSTEM, CNS (NIOSH). ACUTE: EYES: MODERATELY IRRITATING. SKIN:  
MODERATELY IRRITATING. INHALATION: MAY CAUSE NAUSEA AND LOSS OF  
MOTOR SKILLS. INGESTION: MAY CAUSE VOMITING, HEADACHE, AND OTHER  
MEDICALPROBLEMS.  
Explanation of Carcinogenicity:NOT A CARCIOGEN.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRITATION. INHALATION:  
NAUSEA, LOSS OF MOTOR SKILLS. INGESTION: VOMITING, HEADACHE, OTHER  
MEDICAL PROBLEMS.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE  
AGGRAVATED WITH CONTACT.

==== Fir

st Aid Measures =====

First Aid:EYES AND SKIN: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK WATER, MILK OF MAGNESIA. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR.

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

Flash Point Method:CC

Flash Point:NONE - I.B.P.

Extinguishing 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 PRESSURE BUILDUP.

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

Spill Release Procedures:SMALL SPILL CAN BE FLUSHED DOWN LOCAL DRAINS. LARGE SPILLS CAN BE ABSORBED WITH AN INERT MATERIAL SUCH AS SAND, SOIL, OR CLAY.

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===== 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 AND SAFETY SHOWE

R SHOULD BE NEARBY.

Work Hygienic Practices:WASH HANDS BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.

Supplemental Safety and Health

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

HCC:B3

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; SOLVENT-LIKE ODOR.

===== Stability

ty 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.

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

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

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