

SPACE CHEMICAL INC. -- AL 1080-93-2 NAVY TYPE I -- 6850-01-237-7482

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

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

MSDS Date:04/01/1996

FSC:6850

NIIN:01-237-7482

Status Code:A

MSDS Number: CLHPL

=== 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:TO2

83

=== Contractor Identification ===

Company Name:SPACE CHEMICAL INC.

Box:1228

City:INDIANA

State:PA

ZIP:15701

Country:US

Phone:814-743-6630

CAGE:TO283

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

Ingred Name:NON SURFACTANT

Ingred Name:COCAMIDE DEA

CAS:68155-07-7

Code:F

Ingred Name:AROMATIC HYDROCARBON

CAS:63231-51-6

Other REC Limits:HMIS CAS

Ingred Name:FORMULATED INHIBITOR

Other REC Limits:MIXTURE

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

Ingred Name:ETHANOLAMINE

CAS:141

-43-5
RTECS #:KJ5775000
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
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:MODERATELY IRRITATING TO EYES AND SKIN.

Effects of Overexposure:MODERATELY IRRITATING TO EYES AND SKIN.

INGESTION: MAY CAUSE VOMITING, HEADACHE AND OTHER MEDICAL PROBLEMS.

INHALATION: MAY CAUSE NAUSEA & LOSS OF MOTOR SKILLS.

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

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

First Aid:EYES & SKIN: FLUSH WITH WATER FOR 15 MINUTES, IF IRRITATION PERSISTS GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK WATER, MILK OF MAGNESI

A. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR.

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

Flash Point:NONE TO IBP

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.

===== 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.

===== 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 SHOWER SHOULD BE NEARBY.
Work Hygienic Practices:WASH HANDS BEFORE EATING. LAUNDRY CONTAMINATED
CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

HCC:T6
Boiling Pt:=104.4C, 220.F
Spec Gr
Density:1.01
pH:7-10
Viscosity:FREE FLOWING
Solubility in Water:100% COMPLETE
Appearance and Odor:BROWN TINT, 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 Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE,
AND LOCAL REGULATIONS.

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all li
ability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.