

MOONEY CHEMICALS INC. -- M-GARD S 540;CODE725 -- 6840-00-282-0971  
===== Product Identification =====

Product ID:M-GARD S 540;CODE725  
MSDS Date:01/15/1987  
FSC:6840  
NIIN:00-282-0971  
MSDS Number: BHYNM  
=== Responsible Party ===  
Company Name:MOONEY CHEMICALS INC.  
Address:2301-2271 SCRANTON ROAD  
City:CLEVELAND  
State:OH  
ZIP:44113-4311  
Country:US  
Info Phone Num:216-781-8383  
Emergency Phone Num:216-781-8383  
CAGE:85752  
=== Contractor Identification ===  
Company Name:MOONEY CHEMICALS, INC.  
Address:2301 SCRANTON ROAD  
Box:City:CLEVELAND  
State:OH  
ZIP:44113-4311  
Country:US  
Phone:216-781-8383  
CAGE:85752

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

Ingred Name:COPPER NAPHTHENATE  
CAS:1338-02-9  
RTECS #:QK9100000  
Fraction by Wt: 19.0%  
Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL SPIRITS  
CAS:64742-86-5  
RTECS #:LX3296500  
Fraction by Wt: 81.0%  
Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

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===== 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:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE  
HEADACHE,DIZZINESS,NAUSEA AND VOMITING. REDNESS OR BURNS OF  
EYES/SKIN POSSIBLE.IF INGESTED,MAY BE FATAL.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overe

xposure:MAY CAUSE IRRITATION OF EYES,SKIN,RESPIRATORY  
OR G.I.TRACTS;MAY CAUSE HEADACHE,DIZZINESS,NAUSEA,VOMITING OR GI  
TRACT DISTURBANCES POSSIBLE.BURNS OR REDNESS OF EYES/CRACKING OR  
DRYNESS OF SKIN.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATIO

N:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point:1

04F,40C

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:VAPORS MAY CATCH FIRE.FIRE OR EXCESSIVE  
HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release

Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY

. DO NOT BREATHE MIST. AVOID

PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTION  
AL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:F4

Boiling Pt:B.P. Text:

382F,194C

Vapor Density:>1.0

Spec Gravity:0.8163

Evaporation Rate & Reference: