

MINNESOTA MINING & MFG CO ELECTRICAL SPECIALTIES -- KIT HCPS SHIPSET 1 SERIES (CC-3  
CABLE CLEAN -- 5970-01-349-6707

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

Product ID:KIT HCPS SHIPSET 1 SERIES (CC-3 CABLE CLEAN

MSDS Date:05/19/1992

FSC:5970

NIIN:01-349-6707

Kit Part:Y

MSDS Number: BPCGN

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO ELECTRICAL SPECIALTIES

Address:3M AUSTIN CTR

City:AU

STIN

State:TX

ZIP:78769-2963

Country:US

Info Phone Num:512-984-3113

Emergency Phone Num:512-984-3113

CAGE:20999

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO ELECTRICAL HANDLING/PROTECTION

Address:3M AUSTIN CTR

Box:City:AUSTIN

State:TX

ZIP:78769-1263

Country:US

Phone:512-733-1341

CAGE:20999

Company Name:MINNESOTA MINING AND MFG CO FEDERAL SYSTEMS DEPT

Address:3M CTR BLDG 224-5S-04

Box:City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:651-736-7904

CAGE:68352

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Composition/Information on Ingredients  
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Ingred Name:PARAFFINIC OILS/PETROLEUM DISTILLATES  
CAS:64771-72-8  
Fraction by Wt: 80 - 95%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:D-LIMONENE  
CAS:5989-27-5  
RTECS #:GW6360000  
Fraction by Wt: 5 - 20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT ESTABLISHED.  
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:VOLATILE ORGANIC COMPOUNDS (740 GMS/LITER).  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NO  
T RELEVANT

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYE/SKIN:MILD EYE,MODERATE SKIN  
IRRITATION,REDNESS,SWELLING,PAIN,ITCHING,DRYNESS.INHALE:RESPIRATORY  
SYSTEM IRRITATION,COUGHING,CONGESTION,TIGHTNESS OF CHEST,WHEEZING &  
DIFFICULTY BREATHING.ORAL: MAY CAUSE GI  
IRRITATION,PAIN,VOMITING,NAUSEA,BLOODY VOMITUS  
& FECES,ASPIRATION  
PNEUMONITIS.CHRONIC-MAY CAUSE DERMATITIS.  
Explanation of Carcinogenicity:D-LIMONENE IS A POTENTIAL CANCER HAZARD  
CAUSING RENAL CANCER IN LABORATORY ANIMAL STUDIES, PER MSDS.  
Effects of Overexposure:MILD EYE, MODERATE SKIN IRRITATION, REDNESS,  
SWELLING, PAIN, ITCHING, DRYNESS. RESPIRATORY SYSTEM IRRITATION,  
COUGHING, CONGESTION, TIGHTNESS OF CHEST, WHEEZING & DIFFICULTY  
BREATHING. MAY CAUSE GI IR RITATION, PAIN, VOMITING, NAUSEA, BLOODY  
VOMITUS & FECES,

ASPIRATION PNEUMONITIS, COUGHING UP BLOOD.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.EYE/SKIN:FLUSH WITH WATER FOR 15 MINUTES.HOLD EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR.ORAL:DO NOT INDUCE VOMITING.DRINK TWO GLASSES OF WATER.CALL A PHYSICIAN.

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

Flash Point Method:CC

Flash Point:144F,62C

Extinguishing Media:CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING,INCLUDING HELMET AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE THE AREA. CONTAIN THE SPILL. PICK UP LARGE SPILL WITH NON-SPARKING TOOLS; SMALL SPILLS/RESIDUE WITH INERT ABSORBENT MATERIAL. PLACE IN CONTAINERS. PREVENT ENTERING WATERWAYS/SEWERS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN A COOL, DRY, VENTILATED AREA.KEEP CONTAINER CLOSED.

Other Precautions:AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF MISTY CONDITION, A NIOSH APPROVED AIR SUPPLIED RESPIRATOR OR MIST RESPIRATOR IS ADVISED.

Ventilation:NONE NORMALLY REQUIRE

D.  
Protective Gloves:AVOID PROLONGED/REPEATED SKIN CONTACT  
Eye Protection:AVOID EYE CONTACT  
Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER  
Work Hygienic Practices:WASH HANDS BEFORE EATING OR DRINKING.  
Supplemental Safety and Health  
THIS PRODUCT IS A KIT WHICH CONSISTS OF MULTIPLE, INDEPENDENTLY  
PACKAGED COMPONENTS. THE DOCUMENT NUMBERS FOR THE PRODUCT IS  
11-4648-9.

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

HCC:N1  
Boiling Pt:B.P. Text:380F,193C  
Vapor Pres:1  
Spec Gravity:0.76  
Solubility in Water:NIL  
Appearance and Odor:CLEAR LIQUID, CITRUS LIKE  
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS  
Stability Condition to Avoid:FIRE  
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, S  
TATE  
AND FEDERAL REGULATIONS.

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