

MAGNAFLUX CORPORATION -- SKC-NF CLEANER/REMOVER,FORMERLY SKC-NF/ZC-7 --  
6850-00-142-8840

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

Product ID:SKC-NF CLEANER/REMOVER,FORMERLY SKC-NF/ZC-7

MSDS Date:01/01/1991

FSC:6850

NIIN:00-142-8840

MSDS Number: BNBYQ

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Info Phone Num:708-867-8000

Emergency Phone Num:708-867-8000/800-424-9300(CHEMTREC)

Preparer's Name:BRUCE C.GRAHAM,CHIEF CHEM

CAGE:37676

=== Contractor Identification ===

Company Name:ILLINOIS TOOL WORKS INC MAGNAFLUX DIV

Address:3624 WEST LAKE AVENUE

Box:City:GLENVIEW

State:IL

ZIP:60025

Country:US

Phone:847-657-5300/

CAGE:37676

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 95.0%

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt

Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:METHYLAL (DIMETHOXYMETHANE)  
CAS:109-87-5  
RTECS #:PA8750000  
Fraction by Wt: 1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)  
CAS:75-65-0  
RTECS #:EO1925000  
Fraction by Wt: 1%  
Other REC Limits:NONE  
SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:100PPM 9394

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: IRRITATION, CENTRAL NERVOUS  
SYSTEM EFFECTS. CHRONIC: DERMATITIS.  
Effects of Overexposure:INHALATION: CAUSES DIZZINESS, DROWSINESS,  
NAUSEA. CAUSES UNCONSCIOUSNESS AT HIGH EXPOSURE. SKIN: NOT ABSORBED  
THROUGH SKIN IN SIG  
NIFICANT AMOUNTS, HOWEVER, IRRITATES BY  
DISSOLVING SKIN OILS. EYES: IRR ITATING DUE TO STRONG SOLVENT  
ACTION. INGESTION: LOW SINGLE DOSE TOXICITY IN TEST ANIMALS.  
Medical Cond Aggravated by Exposure:NONE KNOWN TO MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.IF  
BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:WASH OFF IN FLOWING WATER  
OR SHOWER.RMV CONTAMINATED CLOTHING AND WASH BEFO

RE REUSE.USE

SOOTHING LO TION; EYES:FLUSH EYES WITH A STEADY,GENTLE FLOW OF WATER.GET MEDICAL ASST; INGESTION:DO NOT INDUCE VOMITING.IF VOMIT IS INHALED,IT MAY CAUSE ASPHYXIATION.GET MED ATTN IMMEDIATELY; IN EMERGENCY CALL MD

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

Flash Point:NONE

Lower Limits:10.0%

Upper Limits:15.0%

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:USE WATER TO COOL FIRE EXPOSED CONT

AINERS.

FIREFIGHTERS USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS PARTIALLY DECOMPOSE TO TOXIC GASES WHEN EXPOSED TO FLAME, ARCS OR RED HOT SURFACES. CAN BE A MAJOR CONTRIBUTING FACTOR TO A FIRE IN PROGRESS.

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

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES.

VENTILATE. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT

MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES TO MINIMIZE THE DANGER FROM EXPOSURE TO FIRES. STORE IN DRY, COOL, WELL VENTILATED AREA.

Other Precautions:DO NOT USE AROUND FLAMES OR RED HOT SURFACES. DO NOT HEAT ABOVE 130F. AVOID FREQUENT/PROLONGED EXPOSURE TO SKIN. AVOID BREATHING VAPORS.

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

Respiratory Protection:IF USED IN CONFINED AREA MASK WITH SEPARATE AIR SUPPLY.

Ventilation:LOCAL EXHAUST PREFERRED TO CONTROL TLV IN AIR

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FORMULA CHANGED

. FOR PREVIOUS FORMULATIONS, SEE PNI A AND B, SAME NSN.

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

HCC:V2  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:=72.2C, 162.F  
Vapor Pres:230  
Vapor Density:4  
Spec Gravity:1.3  
Evaporation Rate & Reference:3.0 (ETHYL ALCOHOL = 1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR, COLORLESS, MOBILE LIQUID, FAINT ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
POWDERED ZINC AND ALUMINUM.  
Stability Condition to Avoid:RED HOT SURFACES, OPEN FLAME, ARCS.  
Hazardous Decomposition Products:PHOSGENE, HYDROCHLORIC ACID GAS.

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

Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE #F002. LIQUID  
MAY BE SENT TO SOLVENT RECLAIMER. DISPOSE OF IN FULL COMPLIANCE OF  
FEDERAL, STATE, AND LOCAL REGULATORY STATUTES.

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