

MAGNAFLUX CORPORATION -- SKC-NF/ZC-7B CLEANER/REMOVR(SEE SUPPL DATA) --  
6850-00-142-8840

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

Product ID:SKC-NF/ZC-7B CLEANER/REMOVR(SEE SUPPL DATA)

MSDS Date:06/14/1988

FSC:6850

NIIN:00-142-8840

MSDS Number: BDBRJ

=== 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

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: 05.0%  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)  
CAS:123-91-1  
RTECS #:JG8225000  
Fraction by Wt: 01.0%  
OSHA PEL:S, 100 PPM  
ACGIH TLV:S, 25 PPM; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

===== 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:IRRITATES EYES BY SOLVENT ACTION.  
Explanation of Carcinogenicity:1,1,1-TRICHLOROETHANE AND 1,4-DIOXANE  
ARE CURRENTLY UNDER TEST TO DETERMINE THE POSSIBLE  
CARCINOGENICITY,PER MFR.  
Effects of Overexposure:INHALATION:CAUSES  
DIZZINESS,DROWSINESS,NAUSEA.CAUSES UNCONSCIOUSNESS AT HIGH  
EXPOSURE; SKIN:NOT ABSORBED THROUGH SKIN IN SIGNIFICANT  
AMOUNTS.HOWEVER,IRRITATES BY DISSOLVING SKIN OILS;  
EYES:IRRITATING  
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 BEFORE RE-USE.USE  
SOOTHING LOTION; EYES:FLUSH EYES WITH A STEAD

Y,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  
Extinguishing Media:CARBON DIOXIDE,FOAM.  
Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:AEROSOL CANS CAN BURST IF HEATED ABOVE  
130F(54.4C);VAPORS PARTIALLY DECOMPOSE TO TOXIC GASES WH  
EN EXPOSED  
TO FLAME,ARC OR RED HOT SURFACES.

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

Spill Release Procedures:LESS THAN ONE QUART:WIPE UP BUT DO NOT BREATHE  
VAPORS;ONE QUART OR MORE:WEAR ALL PERSONAL SAFETY EQUIPMENT TO  
AVOID VAPOR/LIQ CONTACT OR BREATHING.EVACUATE UNPROTECTED  
PERSONS.ELIMINATE IGN SOURCES.DI KE LIQ.PLACE IN COVERED DRUMS.SEND  
TO RECLAIMER.  
Neutralizing Agent:NOT NOTED BY MFR.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES TO  
MINIMIZE THE DANGER FROM EXPOSURE TO FIRES.STORE IN  
DRY,COOL,VENTILATED AREA.  
Other Precautions:DO NOT USE AROUND FLAMES/RED HOT SURFACES.DO NOT HEAT  
ABOVE 130F.AVOID BREATHING VAPORS.AVOID FREQUENT/PROLONGED EXPOSURE  
TO SKIN.

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

Respiratory Protection:WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE. IN  
CONFINED AREAS,WEAR A FULL MASK  
WITH SEPARATE AIR SUPPLY;ODOR OF  
THE PRODUCT CAN BE DETECTED AT 100PPM,BUT IS NOT STRONG ENOUGH TO  
CAUSE DISCOMFORT AT 100 0PPM.  
Ventilation:GENERAL VENTILATION TO KEEP BELOW 350 PPM LIMIT.  
Protective Gloves:NITRILE RUBBER GLOVES.  
Eye Protection:FULL GOGGLES.  
Other Protective Equipment:EITHER USE IN A SPRAY BOOTH OR NEXT TO AN  
EXHAUST VENT.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER  
CONTAMINATED CLOTHES BEFORE RE-USE.  
Supplemental Safety and Health  
FORMULA CHA

NGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:N/R(AEROSOL

Spec Gravity:1.3 (OF LIQUID)

Evaporation Rate & Reference:0.7 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLOLESS,MOBILE LIQUID(BEFORE FILLING IN  
AEROSOL CANS)

Percent Volatiles by Volume:100%

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

Stability

Indicator/Materials to Avoid:YES

POWERED ZINC AND ALUMINUM.

Stability Condition to Avoid:HEAT/HIGH TEMPERATURES.

Hazardous Decomposition Products:PHOSGENE,HYDROCHLORIC ACID GAS,&  
OXIDES OF CARBON.

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

Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE #F002; MAY BE  
SENT TO SOLVENT RECLAIMER.INSURE THAT AEROSOL CANS ARE EMPTY AND  
DEPRESSURIZED BEFORE DISCARDING,UNLESS A WASTE TREATMENT FACILITY  
IS APPROVED TO  
ACCEPT THEM AS IS.COMPLY WITH FED,ST&LOCAL REGS.

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 liability 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.