

MIDWEST FLOOR CARE, INC -- FLOOR STRIPPER WITH AMMONIA--LB 170 -- 7930-01-379-5184  
===== Product Identification =====

Product ID:FLOOR STRIPPER WITH AMMONIA--LB 170

MSDS Date:08/09/1993

FSC:7930

NIIN:01-379-5184

MSDS Number: BVNJM

=== Responsible Party ===

Company Name:MIDWEST FLOOR CARE, INC

Address:200 SOUTH 38TH STREET

City:LINCOLN

State:NE

ZIP:68510

Country:US

Info Phone Num:816-471-2560

Emerg

ency Phone Num:816-234-3000

Preparer's Name:TA

CAGE:0YLF6

=== Contractor Identification ===

Company Name:MIDWEST FLOOR CARE, INC

Box:City:LINCOLN

State:NE

ZIP:68503

Country:US

Phone:402-477-2701

CAGE:0YLF6

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

Ingred Name:AMMONIA (SARA III) (VAPOR PRESSURE 545.0 MM HG @ 20C)

CAS:7664-41-7

RTECS #:BO0875000

Fraction by Wt: 1.0%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:35MG/M3;STEL 27MG/M3

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LB

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Ingred Name:POTASSIUM HYDROXIDE (VAPOR PRESSURE 39.0 MM HG @ 20C)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TRIETHANOLAMINE 99 (VAPOR PRESSURE 0 MM HG @ 20C)  
CAS:102-71-6  
RTECS #:KL9275000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:15 MG/M3

Ingred Name:SODIUM METASILICATE (VAPOR PRESSURE 0 MM HG @ 20C)  
CAS:6834-92-0  
RTECS #:VV9275000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL BUTYL ETHER (SARA III) (SKIN) (VAPOR PRESSURE 0.1 MM HG @ 20C)  
CAS:111-76-2  
RTECS #:KJ8575000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:25 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:EYE:IRRITATION, EXTREMELY CORROSIVE.  
SKIN:HARMFUL IF ABSORBED THRU SKIN. PROLONGED/REPEATED CONTACT:SEVERE BURNS. ULCERATION & ULTIMATE SCARRING.  
INHAL:UNLIKELY. IRRITATING TO MUCOUS MEMBRANES. INGEST :IRRITATION. CONCENTRATE EXTREMELY CORROSIVE TO MOUTH & THROAT. SEVERE & RAPID BURNING OF GI TRACT.SEVERE PAIN & VOMIT.  
Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYES:IMMED FLUSH W/WATER 15 MIN, LIFTING EYELIDS OCCASIONALLY. GET MED AID. SKIN:IMMED WASH W/LRG AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING & SHOE

S. WASH BEFORE REUSE. GET MED

AID IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR. GIVE  
ARTIF RESPRTN IF NOT BREATHING. INGESTION: DON'T INDUCE VOMITING. IF  
CONSCIOUS, GIVE LOTS OF WATER/MILK THEN DRINK DILUTED VINEGAR, LEMON  
JUICE, GET MED AID.

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

Flash Point Method: TCC

Flash Point: 140F, 60C

Lower Limits: 1.1

Upper Limits: 25.0

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, WATER FOG

Fire Fighting Procedure

s: FIREFIGHTERS SHOULD WEAR SELF CONTAINED  
BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: EXTINGUISH ALL NEARBY SOURCES OF IGNITION  
SINCE FLAMMABLE HYDROGEN GAS WILL BE LIBERATED FROM CONTACT WITH  
SOME METAL (ALUMINUM, MAGNESIUM, ETC).

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

Spill Release Procedures: WEAR APPROPRIATE PROTECTIVE AND RESPIRATORY  
EQUIPMENT. PREVENT SPILLS FROM ENTERING SEWERS, OR ANY UNAUTHORIZED  
WATER SYST

EMS. SWEEP UP AND DISPOSE OF IN DOT APPROVED WASTE  
CONTAINERS.

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

Handling and Storage Precautions: STORE IN COOL, DRY, WELL-VENTILATED  
PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions: ALWAYS OBEY ALL HAZARD WARNINGS AND HANDLE EMPTY  
CONTAINERS AS IF THEY WERE FULL.

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

Ventilation: SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE  
PROVI

DED TO KEEP AIR CONTAMINATION < PEL/TLV.

Protective Gloves: HEAVY RUBBER GLOVES NEEDED.

Eye Protection: CHEM GOGGLES W/SIDESHIELD OR FACE SHIELD

Other Protective Equipment: EYE WASH, SAFETY SHOWER AVAILABLE

Work Hygienic Practices: WASH AFTER EACH USE.

Supplemental Safety and Health

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

Boiling Pt: B.P. Text: 80 TO 644F

Vapor Density: > AIR

Evaporation Rate & Reference: IS SLOWER THAN ETHER

Solubility in Water: COMPLETE

Appearance and

Odor:BLUE, AMMONIA ODOR  
Percent Volatiles by Volume:87.5

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS MAY PRODUCE VIOLENT REACTION.  
Stability Condition to Avoid:PROLONGED CONTACT WITH ALUMINUM, COPPER,  
TIN, LEAD OR ZINC MAY LIBERATE FLAMMABLE HYDROGEN GAS.  
Hazardous Decomposition Products:NONE KNOWN.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH APPROPRIATE FEDERAL,  
STATE, AND LOCAL REGULATIONS.

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