

VIRGINIA CHEMICALS,INC. -- CYCLOHEXYLAMINE (98%) -- 6810-00-805-9798

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

Product ID:CYCLOHEXYLAMINE (98%)

MSDS Date:03/01/1986

FSC:6810

NIIN:00-805-9798

MSDS Number: BFQDX

=== Responsible Party ===

Company Name:VIRGINIA CHEMICALS,INC.

Address:801 WATER ST.

City:PORTSMOUTH

State:VA

ZIP:23704

Info Phone Num:804-393-3100

Emergency Phone Num:804-484-5000

CAGE:87698

=== C

Contractor Identification ===

Company Name:HOCKING INTERNATIONAL CHEMICAL CORP

Address:2121 HOOVER AVE

Box:City:NATIONAL CITY

State:CA

ZIP:92050

Country:US

Phone:619-474-8457

CAGE:60930

Company Name:PHIPPS PRODUCTS CORP

Address:186 LINCOLN ST SUITE 502

Box:City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Phone:OUT OF BUSINESS

CAGE:86511

Company Name:VIRGINIA CHEMICALS INC

Address:801 WATER ST

Box:City:PORTSMOUTH

State:VA

ZIP:23704

Country:US

Phone:804-893-3247

CAGE:87698

===== Composition

/Information on Ingredients =====

Ingred Name:CYCLOHEXYLAMINE (SARA III)  
CAS:108-91-8  
RTECS #:GX0700000  
Fraction by Wt: 98.0%  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM; 9192

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

LD50 LC50 Mixture:ORAL-RAT LD50 156MG/KG\*SKN-RBT LD50 320  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS MODERATELY TOXIC. MAY CAUSE  
SEVERE CH  
EMICAL IRRITATION/CORROSION. MFR GIVE VERY LITTLE SPECIFIC  
INFORMATION,EXCEPT FOR CORROSIVITY.  
Effects of Overexposure:MFR LISTS ONLY MILD TO SEVERE IRRITATION OF  
BODY TISSUES AS SYMPTOMS.  
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYES:FLUSH WITH WATER. GET MEDICAL ATTENTION. SKIN:FLUSH WITH  
WATER. REMOVE CONTAMINATED CLOTHING. INHALED:REMOVE FROM EXPOSURE.  
GET IMMEDIATE MEDICAL ATTENTION. INGES  
TED:DO NOT INDUCE VOMITING.  
GIVE QUANTITIES OF VEGETABLE OIL,MILK OR WATER. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:83F/28C SEE SUPP  
Extinguishing Media:ALCOHOL TYPE FOAM, CARBON DIOXIDE, WATER FOG  
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. WATER  
DILUTION WILL REDUCE FLAME INTENSITY. COVER ALL SPILLS WITH FOAM TO  
REDUCE VAPORS.  
Unusual Fire/Explosion Hazard:C

LOSED CONTAINERS MAY RUPTURE UNDER FIRE  
CONDITIONS.

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

Spill Release Procedures:CONTAIN SPILL,ELIMINATE IGNITION SOURCES.  
PREVENT SPILL FROM ENTERING GROUND OR SURFACE WATERS. COLLECT OR  
ABSORB AND STORE SEPARATELY IN CLOSED CONTAINERS FOR DISPOSAL.  
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN CLOSED LEAK PROOF STAINLESS  
OR  
CARBON STEEL CONTAINERS. SEGREGATE FROM ACIDS & OXIDIZERS. STORE  
AWAY FROM IGNITION SOURCES.  
Other Precautions:INDOOR STORAGE SHOULD BE IN A STANDARD FLAMMABLE  
LIQUIDS STORAGE ROOM.WEAR BUTYL RUBBER GLOVES,FACE SHIELD,ALL  
PURPOSE CANISTER MASK,WORK CLOTHING.

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

Respiratory Protection:GAS MASK SUITABLE FOR AMMONIA VAPORS OR SELF  
CONTAINED BREATHING APPARATUS.  
Ventilation:LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV

Protective Gloves:NEOPRENE OR OTHER IMPERVIOUS  
Eye Protection:SPLASH GOGGLES OR FACE SHIELD  
Other Protective Equipment:IMPERVIOUS CLOTHING, SAFETY SHOWER, EYE  
WASH, EXPLOSION PROOF ELECTRICAL EQUIPMENT.  
Work Hygienic Practices:USE VERY STRICT CHEMICAL HYGIENE PROCEDURES.  
Supplemental Safety and Health  
DISTRIBUTOR SUPPLIED A COPY OF MFR'S 1985 MSDS. DATA IS FROM MORE  
RECENT MSDS OF SAME MFR, DIFFERENT NSN.

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

HCC:F7  
Boi  
ling Pt:B.P. Text:275F/134C  
Melt/Freeze Pt:M.P/F.P Text:1F/-17C  
Vapor Pres:10MM@20C  
Spec Gravity:0.8647  
Solubility in Water:100%  
Appearance and Odor:LIQUID,STRONG FISHY ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
ACIDS,OXIDIZING AGENTS.  
Stability Condition to Avoid:HEATED SURFACES, IGNITION SOURCES, OPEN  
FLAMES. AUTO IGNITION TEMP OF PURE COMPOUND IS 293C  
Hazardous Decomposition Products

:NOX AND CO

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.  
MFR SUGGESTS INCINERATION.

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