

BAXTER HEALTHCARE CORP -- CYCLOHEXANE -- 6810-00-044-6818

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Product Identification  
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Product ID:CYCLOHEXANE

MSDS Date:07/01/1989

FSC:6810

NIIN:00-044-6818

MSDS Number: BQXQW

=== Responsible Party ===

Company Name:BAXTER HEALTHCARE CORP

Address:1953 SOUTH HARVEY ST

City:MUSKEGON

State:MI

ZIP:49442

Country:US

Info Phone Num:616-726-3171

Emergency Phone Num:613-996-6666;800-424-9300(CHEMTREC

)

CAGE:BAXTE

=== Contractor Identification ===

Company Name:BAXTER HEALTHCARE CORP/PHARMASEAL DIVISION

Address:808 HIGHWAY 24 WEST

City:MOBERLY

State:MO

ZIP:65270

Country:US

Phone:6161-726-3171

CAGE:BAXTE

Company Name:HONEYWELL, BURDICK AND JACKSON

Address:1953 S HARVEY STREET

Box:City:MUSKEGON

State:MI

ZIP:49442-6101

Country:US

Phone:800-368-0050/800-707-4555

CAGE:2H215

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Composition/Information on Ingredients  
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Ingred Name:CYCLOHEXANE

CAS:110-82-7

RTECS #:GU6300000

Fraction by Wt: 100%  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:VENT: EQUIPMENT, EITHER LOC/GEN, WILL DEPEND ON CONDITIONS  
OF USE, QTY OF MATERIAL, AND OTHER OPERATING PARAMETERS.  
RTECS #:9999999ZZ

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===== Hazards Identification =====  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute

and Chronic:ACUTE: INHAL: EXPOSURE CAN CAUSE

DIZZINESS, HEADACHE, NAUSEA, & UNCONSCIOUSNESS. EYE: LIQUID & VAPOR  
CONCENTRATION CAN BE IRRITATING. SKIN: PROLONGED OR REPEATED SKIN  
CONTACT CAN CAUSE IRRITATION & DERMATITIS THRU DEFATTING OF SKIN.  
INGEST: CAN CAUSE GI TRACT DISCOMFORT INCLUDING NAUSEA, VOMITING,  
(EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HEALTH HAZARD: AND DIARRHEA. CYCLOHEXANE IS A MILD  
EYE AND MUCOUS MEMBRANE IRRITANT,

PRIMARY SKIN IRRITANT, AND

CENTRAL NERVOUS SYSTEM DEPRESSANT. ACUTE EXPOSURE IRRITATES EYES  
AND RESPIRATORY SYSTEM. PROLONGED INHALATION MAY RESULT IN  
DROWSINESS, DIZZINESS, NAUSEA, AND OTHER SIGNS OF NARCOSIS.

Medical Conditions Aggravated by Exposure:PRECLUDE FROM EXPOSURE THOSE  
INDIVIDUALS SUSCEPTIBLE TO DERMATITIS.

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===== First Aid Measures =====  
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First Aid:INHAL: IMMEDIATELY REMOVE TO FRESH AIR. IF NOT BREATHING, ADMINISTER  
MOUTH-TO-MOUTH RESCUE

IF BREATHING. IF THERE IS NO PULSE ADMINISTER

CARDIOPULMONARY RESUSCITATION (CPR). CONTINUE PHYSICIAN IMMEDIATELY. EYE: RINSE  
WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN. GET EMERGENCY MEDICAL ASSISTANCE.

SKIN: FLUSH THOROUGHLY FOR AT LEAST 15 MIN. WASH AFFECTED SKIN WITH SOAP &  
WATER. REMOVE CONTAMINATED CLOTHING & SHOES. WASH CLOTHING BEFORE RE-USE, &  
DISCARD (SUPPLEMENTAL DATA)

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===== Fire Fighting Measures =====  
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Flash Point Method:CC

Flash Point:-17F,-27C

Lower Limits:1.3%

Upper Limits:8.4%

Extinguish

ishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.

WATER WILL NOT BE EFTIVE IN EXTING A FIRE & MAY SPREAD IT, BUT A  
WATER SPRAY CAN BE USED TO COOL (SUPP DATA)

Unusual Fire/Explosion Hazard:VOLATILE AND EXTREMELY FLAMMABLE.

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

Spill Release Procedures:PROTECT FROM IGNIT.WEAR PROT CLTHG & USE  
APPRVD NIOSH/MSHA RESP EQUIP. ABSORB SPILLED MATL IN AN ABSOR

B

RECOM FOR SOLV SPILLS & REMOVE TO A SAFE LOCATION FOR DISP BY  
APPRVD METH. IF REL TO ENVIRONMENT , COMPLY W/ALL REGULATORY  
NOTIFICATION (SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CYCLOHEXANE SHOULD BE PROTECTED FROM  
TEMPERATURE EXTREMES & DIRECT SUNLIGHT.

Other Precautions:PROPER STOR OF CYCLOHEXANE MUST BE DETERM BASED ON  
OTHER MATLS STORED & THEIR HAZ

& POTNTL CHEM INCOMPATIBILITY. IN

GEN, CYCLOHEXANE SHOULD BE STORED IN AN ACCEPTABLY PROTECTED &  
SECURE FLAMMABLE LIQU ID STORAGE ROOM.

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

Respiratory Protection:USE NIOSH/MSHA APPRVD RESP EQUIP. FOLLOW NIOSH &  
EQUIP MFR'S RECOM TO DETERM APPROP EQUIP (AIR-PURIFYING,  
AIR-SUPPLIED/SCBA).

Ventilation:ADEQ VENT IS REQD TO PROTECT PERS FROM EXPOS TO CHEM VAPS  
EXCEEDING PEL & TO MINIMIZE FIRE HAZ. CHOICE OF VENT (

ING 2)

Protective Gloves:NITRILE RUBBER OR NEOPRENE.

Eye Protection:CHEM WORK GOG & FULL LNGTH FSHLD.

Other Protective Equipment:INDIVIDUALS WHO ARE ACUTELY AND SPECIFICALLY  
SENSITIVE TO CYCLOHEXANE MAY REQUIRE ADDITIONAL PROTECTIVE  
EQUIPMENT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC:EXPOSED CONTRS. HEAT WILL BUILD PRESS & MAY RUPTURE  
CLSD STOR CONTRS. FIRST AID PROC: CONTAMD SHOES. GET EMER MED  
ASSISTANCE. INGEST: CAL

L LOC POIS CTL CTR FOR ASSISTANCE. CONT PHYS  
IM MED. ASPIRATION HAZARD-DO NOT INDUCE VOMITING. SPILL PROC:  
REQUIREMENTS. CERCLA REPORTABLE QTY-1,000 LBS.

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

Boiling Pt:B.P. Text:177F,81C  
Melt/Freeze Pt:M.P/F.P Text:43.7F,6.5C  
Vapor Pres:78@20C  
Vapor Density:2.9  
Spec Gravity:0.779(H\*2O=1)  
Evaporation Rate & Reference:CA6(BUTYL ACETATE=1)  
Solubility in Water:0.006%@25C  
Appearance and Odor:CLEAR, COLORLESS LIQUID WITH A  
MILD, SWEET ODOR.  
Percent Volatiles by Volume:CA100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME, OPEN CONTAINERS,  
AND POOR VENTILATION.  
Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN GENERATE  
CARBON MONOXIDE AND OTHER TOXIC VAPORS.

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

Waste Disposal Methods:DISPOS  
E OF CYCLOHEXANE AS AN EPA HAZ WASTE. CONT  
ST ENVIRON AGENCY FOR LISTING OF LICENSED HAZ WASTE DISP FACILITIES  
& APPLIC REGS. HAZ WASTE NUMBERS: U056 (IGNITABLE);  
D001(IGNITABLE). DISPOSE OF I/A /W FEDERAL, STATE & LOCAL REGS .

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