

HEXAGON CHEMICAL COMPANY -- HEXAFLOC M-20 -- 6850-01-167-5318

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

Product ID:HEXAFLOC M-20

MSDS Date:12/18/1990

FSC:6850

NIIN:01-167-5318

MSDS Number: BRGQT

=== Responsible Party ===

Company Name:HEXAGON CHEMICAL COMPANY

Box:23163

City:LOUISVILLE

State:KY

ZIP:40223

Country:US

Info Phone Num:502-244-1172

Emergency Phone Num:502-244-1172,502-228-4001(AFTER HR)

CAGE:0A6

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=== Contractor Identification ===

Company Name:HEXAGON CHEMICAL COMPANY

Box:City:LOUISVILLE

State:KY

ZIP:40223

Country:US

Phone:502-244-1172

CAGE:0A643

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

Ingred Name:NONHAZARDOUS INGREDIENT.APPROVED BY EPA FOR CLARIFICATION  
OF DRINKING WATER UP TO 50 MG/L.

Other REC Limits:NOT KNOWN

OSHA PEL:NOT KNOWN

ACGIH TLV:NOT KNOWN

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

LD50 LC50 Mixture:NOT KNOWN

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utes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CONTACT WITH EYES WILL INJURE EYE  
TISSUE IF NOT WASHED OFF THOROUGHLY AND PROMPTLY WITH WATER.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES:IRRITATING. SKIN:IRRITATING.LOW ORDER OF  
TOXICITY. INGESTION:LOW ORDER OF TOXICITY. INHALATION:NO HAZARD IN  
NORMAL INDUSTRIAL USE.VERY LOW VAPOR PRESSURE.  
Medical Cond Aggravated by Exposure  
:NOT KNOWN

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

First Aid:EYES:IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT  
LEAST 15 MIN.GET PROMPT MED ATTN. SKIN:FLUSH WITH LARGE AMOUNTS OF  
WATER,USE SOAP IF AVAILABLE.REMOVE GROSSLY CONTAMINATED  
CLOTHING,INCLUDING SHOES,LAUNDRER BEFORE REUSE.IF IRRITATION  
PERSISTS,SEEK MED ATTN. INGESTION:IF SWALLOWED,DO NOT INDUCE  
VOMITING.KEEP AT REST.GET PROMPT MED ATTN. INHALATION:FIRST AID IS  
NORMALLY NOT RE  
QUIRED.

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

Flash Point Method:SCC  
Flash Point:210F,99C  
Extinguishing Media:USE ALCOHOL TYPE FOAM,DRY CHEMICAL OR WATER SPRAY  
TO EXTINGUISH FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)  
AND FULL TURNOUT GEAR .USE WATER SPRAY TO COOL FIRE EXPOSED  
SURFACES & TO PROT PERS.ISOLATE "FUEL" SUPPLY.  
Unusual Fire/Explosion Hazard:NO UNUSUAL OR TOXIC PRODUCTS.LIQUID CAN  
BURN UPON HEATING TO T  
EMP AT OR ABOVE THE FLASHPOINT.

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

Spill Release Procedures:LAND SPILL:USE DRY ABSORBENT MATL.DIKE &  
ABSORB SPILL WITH INERT MATL,SUCH AS SAND,EARTH,OR VERMICULITE &  
TRANSFER TO SUITABLE CONTR FOR DISP.PVNT FROM ENTERING  
SEWERS,WATERCOURSES,OR LOW AREAS.RECOVE R BY PUMPING OR WITH  
SUITABLE ABSORB.(SEE SUPP)  
Neutralizing Agent:NOT KNOWN

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

Handling

and Storage Precautions:STORAGE/LOADING/UNLOADING

TEMP:AMBIENT.STORAGE PRESSURE:ATMOSPHERIC.

Other Precautions:"EMPTY" CONTR RETAIN PRODUCT RESIDUES.DO NOT PRESS,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND,OR EXPOSE TO SOURCES OF IGNITION,THEY MAY EXPLODE.EMPTY DRUMS SHOULD BE COMPLETELY DRAINED,PROPERLY BUNGED & RETURN ED TO DRUM RECONDITIONER/DISPOSED OF.

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

Respiratory Protection:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIE  
NE OFFICE

TO DETERMINE IF RESPIRATORY PROTECTION IS REQUIRED .

Ventilation:NO SERIOUS VAPOR EXPOSURE PROBLEMS UNDER NORMAL CONDITIONS.

Protective Gloves:NOT KNOWN

Eye Protection:CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:WHERE CONTACT MAY OCCUR,WEAR LONG SLEEVES.

Work Hygienic Practices:NOT KNOWN

Supplemental Safety and Health

DENSITY:8.7 LBS/GAL @ 60F,16C.MP:25-30F,77-86C.VISCOSITY AT

LOADING/UNLOADING TEMP:10-100 CPS AT 77F,25C.SPILL PROC:WATER

SPILL:PRVT ADDNL DISCHARGE

OF MATL,IF POSSIBLE TO DO SO WITHOUT

HAZARD.ADVISE AUTHORITIES.CONSULT HEALTH INFO & PROT REGARDING

POSSIBLE HAZARDS.

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

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:SEE SUPP

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:SEE SUPP

Vapor Density:>1 (AIR=1)

Spec Gravity:1.02-1.03

Viscosity:10-150CP@77F

Evaporation Rate & Reference:1.5 (BUTYL ACETATE=1)

Solubility in Water:SOLUBLE

Appearance and Odor:LIGHT

AMBER VISCOUS FLUID WITH MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISP MUST BE IAW FED,STATE,& LOC REGS.COORDINATE  
W/ SUPPORTING INSTALLATION/MACOM ENVIRON OFFICE PRIOR TO

DISP .

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