

I.P.A. 99%

MSDS Number

CFSNN

National Stock Number

6810-00N080750

Product Name

I.P.A. 99%

Manufacturer

MAYS CHEMICAL CO INC

Product Identification

Product ID:I.P.A. 99%
MSDS Date:01/10/1995
FSC:6810
NIIN:00N080750
MSDS Number: CFSNN

Responsible Party

MAYS CHEMICAL CO INC
5611 E 71ST STREET
INDIANAPOLIS , IN 46220
US

Emergency Phone: 317-842-8722; 613-996-6666

Info Phone: 800-661-7378

Cage: 6T060

Contractor

MAYS CHEMICAL CO., INC.
INDIANAPOLIS, IN 46256
US
317-842-8722
Cage: 6T060

Ingredients

(ORAL,RAT)
CAS: 67-63-0
RTECS: NT8050000
Fraction By Weight: 100%
OSHA PEL400 PPM
ACGIH TLV: 400 PPM;500 STEL

MAY CONC IN CONFINED AREAS. CNTNRS EXPOS TO
RTECS: 9999999ZZ

PVNT VAP PRESS BUILDUP WHICH COULD RSLT IN CNTNR
RTECS: 9999999ZZ

COOLED W/LARGE QUANTITIES OF WATER AS NEEDED TO

RTECS: 9999999ZZ

KEEP HEAD BELOW HIPS TO PVNT ASPIR OF LIQ

RTECS: 9999999ZZ

REMOVE CONTAM CLTHG WHILE RINSING. WASH CONTAM SKIN

RTECS: 9999999ZZ

IF SYMPS SUCH AS LOSS OF GAG

RTECS: 9999999ZZ

W/CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

RTECS: 9999999ZZ

DETECTED IN URINE & EXPIRED AIR. IN CONTRAST TO

RTECS: 9999999ZZ

HYPERGLYCOMIA. HEMODIALYSIS SHOULD BE CONSIDERED IN

RTECS: 9999999ZZ

CNTN LAND SPILLS; CONTAIN WATER SPILLS BY

RTECS: 9999999ZZ

FOR LG SPILLS REMOVE BY MECH MEANS & PLACE IN

RTECS: 9999999ZZ

SAND/EARTH.

RTECS: 9999999ZZ

RECOVERED MATL AS NOTED. NOTIFY APPROP ENVIRON

RTECS: 9999999ZZ

ENTER STORM/SANIT SEWERS, LAKES, RIVERS,

RTECS: 9999999ZZ

REGS REQ & FED REGS MAY REQ THAT ENVIRON &/OR OTHER

RTECS: 9999999ZZ

MUST BE CLEANED & RESTORED TO ORIGINAL CNDTN/TO

RTECS: 9999999ZZ

TOX RATING (TLM 96)=10 TO 100 PPM. NO FOOD CHAIN

RTECS: 9999999ZZ

IGNITE LIQ EVEN IN ABSENCE OF SPKS/FLAMES.

RTECS: 9999999ZZ

OF IGNIT PRIOR TO USE & UNTIL ALL VAPS ARE GONE. DO

RTECS: 9999999ZZ

VAPORS & PROLONGED OR REPEATED CONTACT W/SKIN. CAN

RTECS: 9999999ZZ

PROOF. CONCS IN AIR SHOULD BE MAINTAINED BELOW REC TLV

RTECS: 9999999ZZ

CONFINED SPACES (I.E. BULK STOR TANKS) PROPER

RTECS: 9999999ZZ

TESTING OF TANK ATM. LOC VENT REC WHERE MECH VENT IS

RTECS: 9999999ZZ

UP AIR SHOULD ALWAYS BE SUPPLIED TO BALANCE AIR

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENT 1.

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

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

Health Hazards Acute and Chronic:PRLNG & RPTD CONT W/SKIN CAN CAUSE DEFAT & DRYING SKIN RSLTG IN IRRIT & DERM. EXPOS TO HIGH VAP CONCS MAY CAUSE EYE & RESP TRACT IRRIT, HDCH, DIZZ, NAUS, INCOORD, DROW & LOSS OF CONSCIOUSNESS. ALTHOUGH H INGEST IS UNLIKELY, LIQ WOULD IRRIT UPPER DIGEST TRACT IF SWALLOWED. INGEST OF THIS PROD MAY CAUSE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:HDCH, DIZZ, FATG & CNS DEPRESS.

TOX:EXPOS MAY OCCUR VIA INHAL, INGEST/THRU SKIN CONT. ISOPROPANOL, WHEN ADMIN ORALLY TO RATS & RABBITS, PRDCES REDUCED FETAL BODY WTS IN RATS ONLY AT DOSES WHI CH RSLT IN TREATMENT RELATED MATERNAL DEATHS. PROD IS IRRIT TO EYE BUT IS NOT PRIMARY SKIN IRRIT AFTER EXPOS OF (SUPDAT)

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN & RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid

First Aid:EYES:FLUSH W/WATER FOR AT LST 15 MINS WHILE HOLDING LIDS OPEN. OBTAIN MED ATTN ASAP AFTER FIRST AID HAS BEEN INITIATED &

COMPLETED. INHAL:REMOVE VICTIM FROM FURTHER EXPOS & RESTORE BRTHG, IF REQD. OBT AIN MED ATTN. INGEST:DO NOT INDUCE VOMIT. DO NOT GIVE ANYTHING BY MOUTH TO UNCON PERS. GUARD AGAINST ASPIR INTO LUNGS BY HAVING INDIVIDUAL TURN ON TO THEIR LEFT SIDE. IF VOMIT OCCURS SPONT (ING 5)

Fire Fighting

Flash Point Method:TCC
Flash Point:57.2F,14.0C
Lower Limits:2%
Upper Limits:12%
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM, WATER FOG.
Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .
FLAMM. EVACUATE HAZ AREA. USE WATER TO COOL FIRE EXPOS CNTNRS.
CNTNRS MAY EXPLODE IN HEAT OF FIRE. VAPS (ING 2)
Unusual Fire/Explosion Hazard:VAP FORMS FLAMM/EXPLO MIXT W/AIR BTWN UPPER & LOWER FLAMM LIMS. CARBON MONOXIDE & CARBON DIOXIDE ARE PRODUCED ON COMBUSTION. SENSITIVE TO STATIC DISCHARGE.

Accidental Release

Spill Release Procedures:ISSUE WARNING "FLAMM". ELIM ALL IGNIT SOURCES. ISOLATE HAZ AREA & RESTRICT ACCESS. TRY TO WORK UPWIND OF SPILL. AVOID DIRECT CONT W/MATL. WEAR APPROP NIOSH APPROVD BRTHG APPAR (IF APPLIC) & PROT CLTHG . STOP LEAK ONLY IF SAFE TO DO SO. DIKE& (ING 11)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:FLAMM. STORE IN COOL, DRY, WELL VENTED AREA, AWAY FROM HEAT & IGNIT SOURCES. DO NOT CUT, DRILL, GRIND, WELD/PERFORM SIMILAR OPERATIONS ON/NEAR CNTNRS.
Other Precautions:VAPS MAY ACCUM & TRAVEL TO DIST IGNIT SOURCES & FLASHBACK. EMPTY CNTNRS MAY CONTAIN HAZ PROD RESIDUES. FIXED EQUIP AS WELL AS TRANSFER CNTNRS & EQUIP SHOULD BE GROUNDED TO PVNT ACCUM OF STATIC CHARGE. HOT SURFS MAY BE SUFFICIENT TO (ING 19)

Exposure Controls

Respiratory Protection:IF EXPOS EXCEEDS OCCUP EXPOS LIMS, WEAR A NIOSH APPRVD RESP. USE EITHER AN ATM-SUPPLYING RESP/AIR-PURIFYING RESP FOR ORG VAPS. PROPER EQUIP FOR HIGH CONCS INCLS A NIOSH APPRVD ATM SUPPLIED, POS PRESS DEMAND, SELF-CNTND/AIRLINE BRTHG APPAR.
Ventilation:MECH VENT IS REC FOR ALL INDOOR SITUATIONS TO CONTROL FUGITIVE EMISSIONS. ELEC & MECH EQUIP SHOULD BE EXPLO- (ING 22)
Protective Gloves:IMPERVIOUS GLOVES (VITON, NITRILE).
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:ANSI APPRVD EYE WASH FOUNTAIN & DELUGE SHOWER . IMPERVIOUS CLTHG (APRON, COVERALLS) SHOULD ALSO BE WORN IN(SUPDAT)
Work Hygienic Practices:LAUNDER CONTAM CLTHG PRIOR TO REUSE. USE GOOD PERSONAL HYGIENE. AIR-DRY CONTAM CLTHG IN A WELL VENTED AREA (SUPP DATA)
Supplemental Safety and Health
EFTS OF OVEREXP:SHORT DURATION & IS NOT A SKIN SENSITIZER. WASTE DISP METH:FACILITY. DO NOT ATTEMPT TO COMBUST WASTE ON-SITE. INCIN AT A LICENSED WASTE DISP SITE W/APPROVAL OF ENVIRON AUTH. OTHER PROT EQUIP:CONFINED WORKSPACES/WHERE RISK OF SKIN EXPOS IS MUCH HIGHER. HYGIENE PRACT:BEFORE LAUNDERING.

Chemical Properties

Boiling Pt:B.P. Text:>180F,>82C
Melt/Freeze Pt:M.P/F.P Text:>-123F,>-86
Vapor Pres:>33 @ 20C
Vapor Density:2.1
Spec Gravity:0.79 (H*2O=1)
Evaporation Rate & Reference:1.44 (N-BUTYL ACETATE=1)
Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS, CLEAR, MOBILE LIQUID; ALCOHOL ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG OXIDIZING AGENTS & ACIDS. ALUMINUM AT HIGH TEMPERATURES.

Stability Condition to Avoid:AVOID EXCESSIVE HEAT, OPEN FLAMES & ALL IGNITION SOURCES.

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE ARE PRODUCED ON COMBUSTION.

Disposal

Waste Disposal Methods:DISP MUST BE I/A/W FED, STATE & LOC REGS . WASTE MANAGEMENT PRIORITIES (DEPENDING ON VOLS & CONC OF WASTE) ARE:

1)RECYCLE(REPROCESS); 2)ENERGY RECOVERY(CEMENT KILNS, THERMAL POWER GENERATION); 3)INCIN; 4)DISP AT LICENSED WASTE DISP (SUPP DATA)

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