

1FID: 00200009
VER DATE: 1987-05-05

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:01:35
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: CEASE FIRE MODEL CF1H

ALL SYNONYMS : *44

CEASE FIRE
CEASE FIRE - MODEL CF1H
CEASE FIRE MODEL CF1H
CEASE FIRE-MODEL CF1H
CF1H
CN6277
12345502

MSDS SIGNED BY NAME: DONALD B. MACELWEE
MSDS SIGNED BY TITLE: GENERAL MANAGER

SAFE USE CATEGORY AND DESCRIPTION: 16 -GENERAL USE

LAST UPDATED DATE: 1988-03-01

MANUFACTURER'S ID (MID): 000538864
MANUFACTURER'S NAME: CEASE FIRE MFG CO
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 215-356-2000
MANUFACTURER'S MAILING ADDRESS:

19 E. CENTRAL AVENUE
PAOLI PA 19301
US

CHEMICAL FAMILY NAME: N.A.

MOLECULAR FORMULA: N.A.

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000075638	= 24.0000/ 0.0000%	W	METHANE, BROMOTRIFLUORO-
000353593	= 56.0000/ 0.0000%	W	METHANE, BROMOCHLORODIFLUORO-
007722761	= 20.0000/ 0.0000%	W	Phosphoric acid, monoammonium salt
989943562	T 0.0000/ 0.0000%	W	GEL

THRESHOLD LIMIT VALUE: NO TLV ASSIGNED

PERMISSIBLE EXPOSURE LIMIT: N/A

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): N/A

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = N
EYE PRIMARY ENTRY ROUTE INDICATOR = N
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y

INGESTION PRIMARY ENTRY ROUTE INDICATOR = N
PRIMARY ROUTES OF ENTRY TEXT: INHALATION

EFFECTS OF OVEREXPOSURE: CONCENTRATIONS ABOVE 4% FOR LONGER THAN 1
MINUTE, VOLUME LESS THAN 100 CU. FT.

SECTION 3 - OTHER INFORMATION: N/A

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: INHALATION - REMOVE TO FRESH
AIR.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: N.A. HALON PLUS ABC POWDER PRODUCT IS
EXTINGUISHING MEDIA.

SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS
WITH FULL FACE PIECE, WHEN RE-ENTERING UNVENTILATED FIRE AREAS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: HALON DISCHARGED ON A FIRE
DECOMPOSES ABOVE 900F, RELEASING BROMIDE IONS. AFTER FIRE, VACATE UNTIL
VENTILATED.

NFPA CODES:

NFPA FLAMMABILITY CODE = 0
NFPA HEALTH CODE = 1
NFPA REACTIVITY CODE = 0

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: VENTILATE AREA. PROTECT AGAINST FROSTBITE.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: NONE

SECTION 7 - OTHER INFORMATION: NONE

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: TINT GOGGLES

RESPIRATORY PROTECTION: NOT NORMALLY NEEDED.

PROTECTIVE GLOVES (SPECIFY TYPE): IMPERVIOUS GLOVES

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

ANALYTICAL VOC WITHOUT WATER: N/A

THEORETICAL VOC WITHOUT WATER: N/A

BOILING POINT TEMPS: 26.00F

BOILING POINT TEXT: 26F

SPECIFIC GRAVITY VALUES: = 1.5500

SPECIFIC GRAVITY TEXT: =1.55

VAPOR DENSITY VALUES: 5.7000

VAPOR DENSITY TEXT: 5.7

VAPOR PRESSURE VALUES/UOM: 100.0000

VAPOR PRESSURE TEXT: 100 PSI @ 70F

PERCENT VOLATILE BY VOLUME: 80.0000

PERCENT VOLATILE BY VOLUME TEXT: 80

PERCENT SOLID BY WEIGHT VALUES: 20.0000

PERCENT SOLID BY WEIGHT TEXT: 20

EVAPORATION RATE VALUES: 100.00

EVAPORATION RATE TEXT: 100

SOLUBILITY IN WATER TEXT: INSOLUABLE

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: NO DATA

APPEARANCE: COLORLESS GAS OR COLORLESS VOLATILE LIQUID & POWDER

PHYSICAL STATE: GAS

PHYSICAL STATE TEXT: *GAS/LIQUID/POWDER

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: PROLONGED INHALATION. DECOMPOSES ABOVE 900F.

STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: APPLICATION TO CLASS D MATERIALS - SUCH AS SODIUM.

HAZARDOUS DECOMPOSITION PRODUCTS: FORMS ACID HALIDES, BROMINE, CHLORINE.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: PROLONGED INHALATION

HAZARDOUS POLYMERIZATION TEXT: NO

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DO NOT INCINERATE

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: N/A

LOCAL EXHAUST: VENTILATE LOW-LYING AREAS.
SAFE USE CATEGORY AND DESCRIPTION :

16 GENERAL USE

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000075638 METHANE, BROMOTRIFLUORO-

REG:

0001,0003,0011,0012,0017,0019,0020,0031,0032,0034,0038,0039
0047,0056,0061,0065,0071,0088,0102,0116

CAS#: 000353593 METHANE, BROMOCHLORODIFLUORO-

REG:

0012,0020,0047,0065,0071,0088,0089,0116

CAS#: 007722761 Phosphoric acid, monoammonium salt

REG:

0012

REG BY CATEGORY:

0047,0088

REGULATORY KEY LIST:

0001 OSHA-PEL	0003 ACGIH-TLV	0004 GM-SPEC CHEM
0005 SUSP CARCIN	0006 EPA HW261.33	0007 EPA HW-APP 8
0008 MCMR	0009 FWPC-SEC 311	0010 EPA PRIORPOL
0011 NY SUBS CONC	0012 TSCA INV	0014 MI AIR POLLU
0015 SUP TAX CHEM	0016 MI HW-ACT 64	0017 CA HAZ SUBST
0018 NY SAN 22.8	0019 MA SUBST	0020 NJ ENV SUBST
0021 TOX ORGANICS	0022 MD CLASS I	0023 MD CLASS II
0024 EPA-ATC-I	0026 EPA-CHEMCONC	0027 WB VERY TOX
0028 WB OTHER TOX	0031 ALLGHNY CTY	0032 IL-RTK
0033 OSHA-HHCL	0034 FLT CRIT IND	0035 GM-AHC
0036 PRO EP TOX	0037 MO SPECIES	0038 MO-RTK
0039 ONT 654-86	0040 ONT DES SUB	0041 SARA312EXHAZ
0042 WI TABLE 1	0043 WI TABLE 2	0047 SARA 313
0048 CERCLASEC103	0049 P-65 CARCINO	0050 P-65 REP TOX
0051 MD CLSI .11	0052 MD CLSI .12	0053 MD CLSII .12
0054 CT 29-1	0055 CT 29-2	0056 CT 29-3
0058 EPA261.33(F)	0059 CA AIR TOX 1	0060 CA AIR TOX 2
0061 PA RTK	0063 PELS REVISED	0064 NPDES-TOXPOL
0065 NJ W&C RTK	0066 CAA HAZ POL	0067 NV HIGH HAZ.
0068 MI 307-CARC	0069 MI 307-NCARC	0070 MICH AIR
0071 CAA602 CLSI	0075 C	0076 D
0078 GREAT LAKES	0080 METALS	0082 EPA 112 (R)
0083 TSCA 8(D)	0084 GM OEG	0085 TSCA-TEST
0087 TSCA 12(B)	0088 NAT. POLL. REL	0089 NY CHEM BULK
0090 GL PERSIST	0091 LAND DISP. - II	0092 UAW/GM AUDIT
0093 TSCA - SPECIAL	0095 FIFRA REG MAT	0098 DSL - CANADA
0099 NDSL - CANADA	0102 GM 1000M	0103 CAA SEC. 112(R)
0104 CERCLA-HAZWOPER	0105 GLPPP-SPECIFIC	0106 GLPPP-SPECIFIC
0107 PET. DISTILLATE	0109 APPENDIX IX	0110 GLOBAL WARM CMP
0112 RCRA PBT -DRAFT	0113 IARC-GROUP 2B	0115 IARC-GROUP 1
0116 GMW 3059-RESTR.	0117 GMW 3059-REPORT	0118 T.W. REPORT
0121 HEX CHROME, PB,	0122 ACDM-REPORTING	0123 MDEQ PART 5

GMBA/PLANT USING THIS FID:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE
GMBA: 000550679 SPO - FLINT DIVISIONAL HDQTRS.
CISCO: 17101;
STATUS :ACTIVE
GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE
GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE