

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 1900 PART A -- 8030-00-783-8886

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Product Identification
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Product ID:CS 1900 PART A
MSDS Date:03/18/1996
FSC:8030
NIIN:00-783-8886
Kit Part:Y
MSDS Number: CCCBY
=== Responsible Party ===
Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV
Address:11120 SHERMAN WAY
City:SUN VALLEY
State:CA
ZIP:91352-4949
Country:US
Info Phone Num:818-982-1650 FAX 818-7
65-5603
Emergency Phone Num:800-424-9300 CHEMTREC
Preparer's Name:HERBERT MOORE
CAGE:14439
=== Contractor Identification ===
Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV
Address:11120 SHERMAN WAY
Box:City:SUN VALLEY
State:CA
ZIP:91352-4949
Country:US
Phone:818-982-1650
CAGE:14439

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 15%
Other REC Limits:NONE RE

COMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM/75 STEL; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC CONTENT: 380 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE EYES, SKIN AND NOSE
IRRITATION. MAY LEAD TO MUSCULAR WEAKNESS, DIZZINESS. CHRONIC: LONG
TERM EXPOSURE MAY LEAD TO DERMATITIS, LIVER, KIDNEY DAMAGE.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:EYES
, SKIN, NOSE IRRITATION. HEADACHE, NAUSEA,
IMPAIRED COORDINATION.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS,
RESPIRATORY TRACT, LIVER, OR KIDNEY DISEASE.

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===== First Aid Measures =====
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First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE
CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER.
DLA-HMIS:INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR
ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-CONTACT POISON CO

CONTROL
CENTER OR PHYSICIAN.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:30.2F,-1.0C

Lower Limits:2.3

Upper Limits:11.0

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL TO SOURCES OF IGNITION.

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION, TRANSFER TO SAFETY CONTAINERS. CLEAN-UP RESIDUE WITH SAND OR SWEEPING COMPOUND. WASH AREA WITH SOAP & WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE. GROUND CONTAINERS WHEN FILLING OR EMPTYING.

Other Precautions:WASH HANDS BEFORE EATING, DRINKING OR SMOKING AFTER HANDLING THIS PRODUCT.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL

(HOOD OR DUCT) EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER.

Eye Protection:SAFETY GLASSES+FACE SHIELD

Other Protective Equipment:APPROPRIATE TO PREVENT PROLONGED SKIN CONTACT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

KEY1=F3. PART A OF 2 PART KIT. TRAIN PERSONNEL IN SAFE HANDLING OF THIS PRODUCT BEFORE USE.

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

HCC:F3

Boiling Pt:B.P. Text:174F,79C

Vapor Pres:70

Vapor Density:2.41

Spec Gravity:1.20

pH:6.7

Viscosity:8000 POISES

Evaporation Rate & Reference:5.7 (N-BUTYL ACETATE=1)

Solubility in Water:MODERATE

Appearance and Odor:BLACK LIQUID; KETONE ODOR.

Percent Volatiles by Volume:30

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENT

S.

Stability Condition to Avoid:HIGH HEAT OR OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN SULFIDE, SULFUR DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:REACT WITH CURING AGENT AND DISPOSE OF AS SOLID HAZARDOUS WASTE ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. EPA HAZWASTE NUMBER CAD062064746; SLUDGE; INCINERATION &/OR LANDFILL

-AS SOLID HAZARDO US WASTE IAW LOCAL, STATE AND FEDERAL REGULATIONS.

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