

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3600 -- 8030-00-664-4954

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

Product ID:CS 3600  
MSDS Date:12/15/1990  
FSC:8030  
NIIN:00-664-4954  
Kit Part:Y  
MSDS Number: BQYGL  
=== 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 818-765-5603  
Emerge  
ncy Phone Num:818-982-1650  
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

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

Ingred Name:2-BUTANONE METHYL ETHYL KETONE  
CAS:78-93-3  
RTECS #:EL6475000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt

Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE EYE, SKIN AND NOSE  
IRRITATION. MAY LEAD TO MUSCULAR WEAKNESS AND DIZZINESS. LONG TERM  
EXPOSURE MAY LEAD TO DERMATITIS, LIVER AND KIDNEY DAMAGE.  
Effects of Overexposure:EYE, NOSE OR SKIN IRRITATION. HEADACHE AND  
NAUSEA WITH IMPAIRED CO-ORDINATION.

Med  
ical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS,  
RESPIRATORY TRACT; LIVER OR KIDNEY DAMAGE.

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

First Aid:EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, CONSULT  
PHYSICIAN. SKIN: WASH WITH MILD SOAP AND WATER.

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

Flash Point Method:TCC  
Flash Point:38.0F,3.3C  
Lower Limits:2.3%  
Upper Limits:11.0%  
Extinguishing Media:DRY CHEMICAL, CO2, FOAM  
, WATER.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS, IN  
CONFINED AREAS.  
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND CAN  
TRAVEL TO SOURCES OF IGNITION.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. TRANSFER TO SAFETY  
CONTAINER, CLEAN UP REMAINDER WITH SAND OR SWEEPING COMPOUND. WASH  
AREA WITH SOAP AND WATER.

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

=====

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA.  
GROUND CONTAINERS WHEN FILLING OR EMPTYING.

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

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

Respiratory Protection:FOR VAPORS ABOVE 200 PPM USE NIOSH APPROVED  
VAPOR RESPIRATOR.

Ventilation:LOCAL EXHAUST: HOOD OR DUCT. MECHANICAL (GENERAL): FAN.

Protective Gloves:RUBBER.

Eye Protection:SAFETY G

LASSES/FACE SHIELD.

Other Protective Equipment:APPROPRIATE TO AVOID PROLONGED CONTACT WITH  
SKIN.

Work Hygienic Practices:TRAIN PERSONNEL IN SAFE HANDLING OF THIS  
PRODUCT, BEFORE USE.

Supplemental Safety and Health

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:LIQ@RM TEMP

Vapor Pres:46

Vapor Density:2.41

Spec Gravity:0.88

pH:6.0

Viscosity:10 POISES

Evaporation Rate & Reference:(BU AC=1) 5.7

Solub

ility in Water:MODERATE

Appearance and Odor:RED SYRUP. KETONE ODOR.

Percent Volatiles by Volume:84%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT OR OPEN FLAME.

Hazardous Decomposition Products:CO<sub>2</sub>, CO, HCHO.

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

Waste Disposal Methods:DISPOSE AS SOLID HAZARDOUS WASTE ACCORDING TO  
FEDERAL, STATE AN

## D LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to the  
ir  
particular situation.