

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- METHYL ETHYL KETONE -- 6810-00-281-2785
===== Product Identification =====

Product ID:METHYL ETHYL KETONE

MSDS Date:12/22/1988

FSC:6810

NIIN:00-281-2785

MSDS Number: BRKSR

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43228

Country:US

Info Phone Num:614-790-

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Emergency Phone Num:800-274-5263

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

CAGE:7L600

Company Name:GRIGGS PAINT

Address:3602 S 16TH PLACE

Box:City:PHOENIX

State:AZ

ZIP:85040

Country:US

Phone:602-243-3293

CAGE:58963

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

Ingred Name:METHYL ETHYL KETONE (2-BUTAN

ONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====
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LD50 LC50 Mixture:TLV: 200 PPM.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE-CAN CAUSE SEVERE
IRRITATION. SKIN-MAY
CAUSE MODERATE IRRITATION, DEFATTING,
DERMATITIS. BREATHING-CAN CAUSE NASAL & RESPIRATORY IRRITATION,
CENTRAL NERVOUS SYSTEM EFFECTS. SWALLOWING-CAN CAUSE
GASTROINTESTINAL IRRITATION.
Explanation of Carcinogenicity:NOT A CARCINOGEN.
Effects of Overexposure:EYE-CAN CAUSE TEARING, REDNESS, BLURRED VISION.
BREATHING-CAN CAUSE DIZZINESS, FATIGUE, NAUSEA, HEADACHE, &
POSSIBLE UNCONSCIOUSNESS, & EVEN DEATH. SWALLOWING-CAN CAUSE
NAUSEA, VOMITING & DIARRHEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:SKIN-THOROUGHLY WASH EXPOSED AREA WITH SOAP & WATER. REMOVE
CONTAMINATED CLOTHING. EYES-FLUSH WITH LARGE AMOUNTS OF WATER,
LIFTING LIDS OCCASIONALLY. GET MEDICAL ATTENTION. SWALLOWED-DO NOT
INDUCE VOMITING, KEEP WARM, QUIET. GET MEDICAL ATTENTION.
ASPIRATION HAZARD. BREATHING-REMOVE TO FRESH AIR. IF HARD TO
BREATH, GIVE OXYGEN. IF STOPPED BREATHING, PERFORM CPR. KEEP WARM.
GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:23.0F,-5.0C
Lower Limits:2.0
Extinguishing Media:ALCOHOL FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A
FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE. COOL
NEARBY CONTAINERS EXPOSED TO FIRE WITH WATER.
Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL C

CONSIDERABLE DISTANCE

TO A SOURCE OF IGNITION & MAY IGNITE, FLASH BACK OR EXPLODE. VAPORS ARE HEAVIER THAN AIR. CONTAINERS MAY EXPLODE.

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

Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL & TRANSFER TO HOOD.

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

Handling and Storage Precautions:ALL FIVE GALLON PAILS & LARGER METAL

CONTAINERS INCLUDING TANK CARS AND TANK TRUCKS SHOULD BE GROUNDED &/OR BONDED WHEN MATERIAL IS TRANSFERRED.

Other Precautions:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

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

Respiratory Protection:A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIC CONDITIONS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NATURAL RUBBER, NEOPRENE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NO

NE

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

HCC:F2

Boiling Pt:=79.4C, 175.F

Vapor Pres:70

Vapor Density:2.5

Spec Gravity:0.805-.807

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

Appearance and Odor:CLEAR LIQUID, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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azardous Decomposition Products:MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

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

Waste Disposal Methods:SMALL SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK. DISPOSE OF REMAINING MATERIAL IN ACCORDANCE WITH APPLICABLE REGULATIONS.

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