

MEK REDUCER

MSDS Number

BTGGF

National Stock Number

8010-01-031-7315

Product Name

MEK REDUCER

Manufacturer

AKZO COATINGS INC AEROSPACE FINISHES DIV

Product Identification

Product ID: MEK REDUCER

MSDS Date: 09/27/1990

FSC: 8010

NIIN: 01-031-7315

MSDS Number: BTGGF

Responsible Party

AKZO COATINGS, INC; AEROSPACE FINISHES DIVISION

434 W MEATS AVE

ORANGE , CA 92665

US

Emergency Phone: 714-637-1750/313-855-7313

Info Phone: 714-637-1750

Preparer: CHARLES L GRUBBS

Cage: LO503

Contractor

AKZO COATINGS, INC/AEROSPACE FINISHES

ORANGE, CA 92665

US

(213) 320-6800

Cage: LO503

Ingredients

METHYL ETHYL KETONE (MEK) (SARA III) (VAPOR PRESSURE 70.0

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 100.1%

OSHA PEL200 PPM;590.00 MG/M3

ACGIH TLV: 200 PPM;590.00 MG/M3

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

805

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE: ASPHYXIATION. INHALATION:
THROAT & RESP IRRIT, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA,
HEADACHE, UNCONSCIOUSNESS. EYE: SEVERE IRRIT, REDNESS, TEARING,
BLURRED VISION, SEE HALOS AROUND LIGHTS. SKI N: DRY SKIN, CRACKING,
IRRIT, DERMATITIS. INGEST: GI IRRIT, NAUSEA, VOMIT, DIARRHEA.
ASPIRATION INTO LUNG CAN BE FATAL.*
Effects of Overexposure:* NOTICE: INTENTIONAL MISUSE BY DELIBERATELY
CONCENTRATING & INHALING CONTENTS MAYBE HARMFUL OR FATAL. REPORTS
HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO
SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CHRONIC:
MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HEALTH RISKS, LIMIT
EXPOSURE.
Medical Condition Aggravated by Exposure:NONE EXPECTED

First Aid

First Aid:INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF
NECESSARY. SKIN CONTACT: WASH WITH SOAP & WATER. EYE CONTACT: FLUSH
WITH WATER FOR AT LEAST 15 MINUTES, CONSULT A PHYSICIAN. INGESTION:
DRINK ONE OR TWO GLASSES OF WATER TO DILUTE. DO NOT INDUCE
VOMITING. CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
TREAT SYMPTOMATICALLY.

Fire Fighting

Flash Point Method:TCC
Flash Point:23.0F,-5.0C
Lower Limits:1.4
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICALS
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, WATER SHOULD BE USED
TO COOL CONTAINERS EXPOSED TO FIRE. FIRE FIGHTING PERSONNEL SHOULD
WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:KEEP CONTAINER CLOSED. KEEP FROM HEAT/IGNITE
SOURCE. CLOSED CONTAINER MAY EXPLODE WITH HEAT. APPLICABLE TO HOT SURFACE REQ
SPECIAL PRECAUTION. OVEREXPOSURE TO DECOMPOSITION PRODUCT-HLTH HZD.

Accidental Release

Spill Release Procedures:REFER TO PROTECTIVE MEASURES LISTED IN OTHER
SECTIONS OF MSDS. REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING
VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT.

Handling

Handling and Storage Precautions:STORE CONTAINERS OUT OF SUN & AWAY
FROM HEAT/IGNITE SOURCES. CLOSE CONTAINER AFTER USE. CONSULT NFPA
CODE FOR MORE STORAGE REQUIREMENTS. DON'T INGEST.
Other Precautions:BONDING & GROUNDING CONTAINERS. OBSERVE LABEL
PRECAUTIONS. KEEP CLOSURE TIGHT & CONTAIN UPRIGHT TO PREVENT LEAK.
DON'T USE PRESSURE TO EMPTY - DRUM NOT PRESSURE VESSEL. AVOID
BREATHING SANDING DUST. DON'T WELD OR FLAME CUT ON EMPTY DRUMS.

Exposure Controls

Respiratory Protection:ADEQUATE VENTILATION IS REQUIRED. USE NIOSH/MSHA
APPROVED RESPIRATOR DEVICE. SEE YOUR SAFETY EQUIPMENT SUPPLIER FOR
EVALUATION AND RECOMMENDATION. IN CONFINED AREAS USE NIOSH/MSHA
APPROVED AIRLINE RESPIRATOR OR HOOD.
Ventilation:PROVIDE VENT TO KEEP AIR CONCENTRATION BELOW TLV & LEL.
VENT VAPOR FROM BAKING FINISHES. VENT DECOMPOSITION PRODUCTS.
Protective Gloves:REQ'D. SEE SAFETY EQUIPMENT MANUFACTURER
Eye Protection:SAFETY EYEWEAR (PROTECT AGAINST SPLASH)
Other Protective Equipment:EYE BATH & SHOWER SHOULD BE AVAILABLE. USE
CHEM RESISTANT APRON,BOOTS,OTHER CLOTHING TO AVOID REPEATED/FREQ
CONTACT.
Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING
WASHROOM. LIQUID MAY PENETRATE SHOES AND LEATHER CAUSING DELAYED
IRRITATION.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:175 TO 178F
Vapor Density:> AIR
Evaporation Rate & Reference:SLOWER THAN ETHER
Percent Volatiles by Volume:100.0

Stability

Stability Indicator/Materials to Avoid:YES
NONE REASONABLY FORESEEABLE
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
SMOKE, OXIDES OF NITROGEN

Disposal

Waste Disposal Methods:INCINERATE IN AN APPROVED FACILITY. DO NOT
INCINERATE CLOSED CONTAINERS. DISPOSE IN ACCORDANCE WITH FEDERAL,
STATE, AND LOCAL POLLUTION CONTROL REQUIREMENTS.

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