

GOODYEAR AEROSPACE CORPORATION -- 82C12 -- 8040-01-129-2558

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Product Identification
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Product ID:82C12

MSDS Date:11/01/1985

FSC:8040

NIIN:01-129-2558

MSDS Number: BKBGH

=== Responsible Party ===

Company Name:GOODYEAR AEROSPACE CORPORATION

City:AKRON

State:OH

ZIP:44315-0001

Country:US

Info Phone Num:216-796-8663

Emergency Phone Num:216-796-2121 OR 800-424-9300

Preparer's Name:D.E. GLEGHOR

N

CAGE:EO533

=== Contractor Identification ===

Company Name:GOODYEAR AEROSPACE CORPORATION

Address:1210 MASSILLON ROAD

City:AKRON

State:OH

ZIP:44315

Phone:(216) 796-2121

CAGE:EO533

Company Name:LORAL CORP DEFENSE SYSTEMS DIV-AKRON

Address:1210 MASSILLON RD

Box:City:AKRON

State:OH

ZIP:44315-0001

Country:US

Phone:216-796-2800

CAGE:25500

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 30-35%
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

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 40-45%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin
:YES Ingestion:NO

Health Hazards Acute and Chronic:PROLONGED/REPEATED CONTACT WITH THE
EYE CAN CAUSE MODERATE IRRIT,DEFATTING & DERMATITIS,CONJUNCTIVITIS
& DRYNESS OF THE MUCOUS MEMBRANES.INHALATION OF VAPORS MAY CAUSE
CNS EXCITATION,THEN DEPRESSION,C HARACTERIZED BY
PARATHESIA,TREMORS,APPREHENSION,IMPAIRED MEMORY,WEAKNESS,NERVOUS
IRRIT,ANOREXIA/ANEMIA & NEUROPATHY.

Explanation of Carcinogenicity:THE NATIONAL TOXICOLOGY PROGRAM IS
CURRENTLY TESTING XYLENE FOR CARCINOGENE
SIS.

Effects of Overexposure:CAN CAUSE SEVERE EYE IRRITATION, REDNESS,
TEARING AND BLURRED VISION. EXCESSIVE INHALATION OF VAPORS CAN
CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS,
FATIGUE, NAUSEA, HEADACHE, POSSIBL E UNCONSCIOUSNESS AND EVEN
ASPHYXIATION.

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

First Aid:INHALED:REMOVE TO FRESH AIR.IF BREATHING DIFFICULT,GIVE
OXYGEN.IF BREATHING STOPPED GIVE ART RSPRTN.KEEP WARM,QUIET.GET MED

ATTN.SKIN:WASH AREA W/SOAP/WATER.REMOVE CONTAM CLOTHES.WASH CLOTHES BEFORE R E-USE.EYE:FLUSH W/LOTS OF WATER,LIFTINGUPPER/LOWER LIDS OCCASIONALLY.GET MED ATTN.INGESTED:DO NOT INDUCE VOMIT.IF VOMIT OCCUR SPONTAN,KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.*

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

Flash Point Method:CC

Flash Point:77.0F,25.0C

Lower Limits:1.1

Upper Limits:7.0

Extinguishing Media:FOAM, DRY CHEMICAL, CO2.

Fire Fighti

ng Procedures:HCL AND OTHER TOXIC OR ASPHYXIAN T GASES MAY EVOLVE. FIREFIGHTERS SHOULD USE A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE UNDER POSITIVE PRESSURE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND OR MOVED BY VENTILATION & IGNITED BY IGNITION SOURCES AT LOCATIONS DISTANT FROM MAT'L HANDLING POINT.

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

Spill Release Procedures:REMOVE ALL IGNIT SOURCES.

PROVIDE ADEQUATE

VENTILATION. USE PERSONAL PROTECTIVE GEAR AS NECESSARY. CONTAIN AND LOCALIZE SPILL WITH ABSORBENTS. PREVENT DISCHARGE TO STORM OR SANITARY SEWER. STORE SPENT SORBENT IN CONTAINER APPROVED FOR STORAGE.

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

Handling and Storage Precautions:STORAGE AREA SHOULD BE WELL VENTILATED.STORE AWAY FROM SOURCES OF HEAT/OPEN FLAMES.KEEP CONTAINER CLOSED WHEN NOT IN USE.HAZARDOUS RESIDUE WHEN EMPTY.

Ot

her Precautions:WARNING! FLAMMABLE LIQUID. KEEP AWAY FROM OPEN HEAT AND OPEN FLAMES.

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

Respiratory Protection:IF WORKPLACE VAPOR CONCENTRATIONS EXCEED TLV'S USE A NIOSH/MSHA-APPROVED VAPOR RESPIRATOR TO PREVENT OVEREXPOSURE.IN ACCORDANCE WITH CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AI R-PURIFYING RESPIRATOR FOR ORGANIC VAPOR

Ventilation:EXPLOSION-PROOF VENTILATION TO MAINTAIN VAPORS B

ELOW TLV'S.

Protective Gloves: BUTYL RUBBER OR PVA.

Eye Protection: CHEM GOGGLES. DO NOT WEAR CONTACT LENS.

Other Protective Equipment: WEAR IMPERVIOUS PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

*NOTE TO DOCTOR: IF MORE THAN 2.0ML PER KG HAS BEEN INGESTED & VOMITING HAS NOT OCCURED, EMESIS SHOULD BE INDUCED W/SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF LOSS OF GAG REFLEX, CONVULSIONS, OR UNCONSCIOUSNESS OCCUR BEFORE EMESIS, GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

Boiling Pt: B.P. Text: 2F, -17C

Vapor Pres: 90.7 MM

Vapor Density: 2.49

Spec Gravity: 0.94 GM/CC

Solubility in Water: SLIGHT

Appearance and Odor: BLACK LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume: > 75

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to A

void: HEAT FLAMES, SPARKS

Hazardous Decomposition Products: HCL, CO CO2/UNIDENTIFIED ORGANIC CMPDS MAY BE FORMED DURING COMBUSTION. MAY ATTACK SOME FORMS OR PLASTIC, RUBBER & COATINGS

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

Waste Disposal Methods: INCINERATE AT FACILITY APPROVED FOR HAZARDOUS WASTE DISPOSAL BY FED, STATE & LOCAL REG. LANDFILL PRODUCT, CONTAM SORBENT OR SOIL ONLY WHEN SOLIDIFIED W/NO FREE LIQUIDS REMAINING/THEN IN HAZARDOUS WASTE DISPOSAL LANDFILL. COMPLY W/ALL REGS. HAZ WASTE D001.

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