

T 81772 TYPE 2 7652078 SOLVENT BLEND

MSDS Number

CLQXR

National Stock Number

8010-01-200-2637

Product Name

T 81772 TYPE 2 7652078 SOLVENT BLEND

Manufacturer

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Product Identification

Product ID:T 81772 TYPE 2 7652078 SOLVENT BLEND

MSDS Date:01/26/1998

FSC:8010

NIIN:01-200-2637

Status Code:A

MSDS Number: CLQXR

Responsible Party

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

3849 FISHER RD

COLUMBUS , OH 43216

US

Emergency Phone: 1-800-274-5263

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

Preparer: HENRY SIMMONS

Cage: 7L600

Contractor

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

2219

COLUMBUS, OH 43216

US

614-790-3333 / 800-325-3751

Cage: 7L600

Ingredients

PROPYLENE GLYCOL MONOMETHYL ETHER

CAS: 107-98-2

RTECS: UB7700000

ACGIH TLV: 369 MG/M3;100 PPM

METHYL ISOBUTYL KETONE

CAS: 108-10-1

RTECS: SA9275000

OSHA PEL410 MG/M3;100 PPM

ACGIH TLV: 205 MG/M3;50 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHYL ETHYL KETONE

CAS: 78-93-3

RTECS: EL6475000

OSHA PEL590 MG/M3;200 PPM

ACGIH TLV: 590 MG/M3;200 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYE: CAN CAUSE EYE IRRITATION.

SYMPTOMS INCLUDE STINGING, TEARING, REDNESS, AND SWELLING OF EYES.

SKIN: CAN CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY

DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, AND DRYING OF

SKIN, BURNS AND OTHER SKIN DAMAGE. SWALLOWING: SWALLOWING SMALL

AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO

CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL.

INHALATION: BREATHING OF VAPOR OR MIST IS POSSIBLE. BREATHING SMALL

AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO

CAUSE HARMFUL EFFECT. BREATHING LARGE AMOUNTS MAY BE HARMFUL

Effects of Overexposure:SIGNS AND SYMPTOMS OF EXPOSURE TO THIS MATERIAL

THROUGH BREATHING, SWALLOWING, AND/OR PASSAGE OF THIS MATERIAL

THROUGH THE SKIN MAY INCLUDE: MOUTH AND THROAT IRRITATION

(SORENESS, DRY OR SCRATCHING FEELING, COUGH), STOMACH OR

INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE,

THROAT, AIRWAYS), LUNG IRRITATION, CENTRAL NERVOUS SYSTEM

DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, HEADACHE,

UNCONSCIOUSNESS).

First Aid

First Aid:EYES: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY

FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER FOR

AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART; SEEK IMMEDIATE

MEDICAL ATTENTION. SKIN; REMOVE CONTAMINATED CLOTHING. FLUSH

EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED, SEEK

IMMEDIATE MEDICAL ATTENTION. SWALLOWING: SEEK MEDICAL ATTENTION.

IF INDIVIDUAL OR DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY

MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH HEAD ONE.

INHALATION: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY

FROM EXPOSURE AND INTO FRESH. SEEK IMMEDIATE MEDICAL CONDITION.

Fire Fighting

Flash Point Method:TCC

Flash Point:=-6.5C, 20.F

22-99F-6.6-37.2C

Lower Limits:1.4

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

Fire Fighting Procedures:WEAR A SELF CONTAINED BREATHING APPARATUS WITH

A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH

APPROPRIATE TURNOUT GEAR AND CHEMICAL RESISTANT PROTECTIVE

EQUIPMENT. REFER TO THE PERSONAL PROTECTIVE EQUIPMENT SECTION OF

THIS MSDS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY

TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED

BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC

MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATION

DISTANT FROM MATERIAL HANDLING POINT.

Accidental Release

Spill Release Procedures:SMALL SPILL - ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE SPILL - ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS) PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS OR OTHER BODIES OF WATER.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. ALL FIRE-GALLON PAILS AND LARGER METAL CONTAINER, INCLUDING TANK CARS AND TANK TRUCKS.

Exposure Controls

Respiratory Protection:IF WORKPLACE EXPOSURE LIMIT (S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE EXPOSURE GUIDELINES) A NIOSH/MSHA APPROVES AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS (SEE YOUR INDUSTRIAL HYGIENIST).

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

Protective Gloves:WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

Eye Protection:CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED.

Supplemental Safety and Health

Chemical Properties

Boiling Pt: =79.4C, 175.F

Vapor Pres:78 MMHG @ 68F

Spec Gravity:> 1.000

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Appearance and Odor:HOMOGENEOUS SOLUTION LIQUID

Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS

Other Information

Disclaimer (provided with this information by the compiling agencies):

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Regulatory

SARA Title III Information:SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A NONE SECTION 311/312 HAZARD CLASS ? 40 CFR 370.2 IMMEDIATE DELAYED FIRE SARA 313 COMPONENTS - 40 CFR 372.65 METHYL ETHYL KETONE 78-93-3 52% METHYL ISOBUTYL KETONE 108-10-1 17%

Federal Regulatory Information:TSCA (UNITED STATES) THE INTENTION OF THIS PRODUCT ARE LISTED CERCLA RQ ? 40 CFR 302.4 (A) METHYL ETHYL KETONE 5000 LBS METHYL ISOBUTYL KETONE 5000 LBS

State Regulatory Information: CALIFORNIA PROPOSITION 65 NONE NEW JERSEY
RTK LABEL INFORMATION METHYL ETHYL KETONE 78-93-3 PROPYLENE
GLYCOL MONOMETHYL ETHER 107-98-2 METHYL ISOBUTYL KETONE 108-10-1
PENNSYLVANIA RTK LABEL INFORMATION 2- BUTANONE 78-93-3 2-
PROPANOL, 1- METHOXY 107-98-2 2- PENTANONE, 4- METHYL 108-10-1