

ASHLAND CHEMICAL CO IC AND S DIV -- SOLVENT BLEND T 81772 TYPE 2 REV --
8010-01-212-1704

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

Product ID:SOLVENT BLEND T 81772 TYPE 2 REV

MSDS Date:10/03/1990

FSC:8010

NIIN:01-212-1704

MSDS Number: BMZMC

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO IC AND S DIV

Address:5200 BLAZER PKY

Box:2219

City:DUBLIN

State:OH

ZIP:43017

Country:US

Info Phone Num

:614-889-3844

Emergency Phone Num:614-889-3844

CAGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

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

Ingred Name:METHYL ISOBUTYL KETONE (SARA 313)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 35%

Other REC Limits:NIOSH 50 PPM TWA

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 65%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150 PPM STEL

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: MODERATE
IRRITATION, DEFATTING, DERMA
TITIS. BREATHING: NASAL, RESP
IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS, DEATH. SWALLOWING:
GASTROINTESTINAL IRRITATION. OVEREXPOSURE TO MATERIAL (OR
COMPONENTS) HAS BEEN FOUND TO CAUSE (LAB ANIMAL) FOLLOWING: LIVER
ABNORMALITIES, KIDNEY, LUNG, BRAIN DAMAGE.
Effects of Overexposure:EYES: REDNESS, TEARING. BREATHING: CENTRAL
NERVOUS SYSTEM EFFECTS: WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND
POSSIBLE UNCONSCIOUSNESS. SWALLOWING NAUSEA, VOMITING, DIARRHEA.

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

First Aid:SKIN: WASH W/SOAP & WATER. REMOVE CONTAM CLOTH. EYES: FLUSH
W/LRG AMT WATER, LIFT EYELIDS OCCASION, GET MED ATTN. INGEST: DON'T
INDUCE VOMIT, KEEP PERSON WARM, QUIET, GET MED ATTN. ASPIRATION
(MATERIAL INTO LUNGS--VOMIT) CAN CAUSE CHEM PNEUMONITIS (CAN BE
FATAL). INHAL: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, ADMIN
OXYGEN. IF BREATHING STOPPED GIVE ARTIF RESP. KEEP WARM, QUIET, GET
MED AID.

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

Flash Point Method:TCC
Flash Point:55.0 TO 65.0F
Lower Limits:1.4
Extinguishing Media:REGULAR FOAM, OR CARBON DIOXIDE OR DRY CHEMICAL.
* @ 760.00 MM HG. LOWEST VALUE OF COMPONENT IS LISTED FOR
MIX.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH
FULL FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE WHEN
FIGHTING FIRES. **@ 68F. HIGHEST VALUE.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER T

HAN AIR, MAY TRAVEL

ALONG GROUND OR MOVED BY VENT & IGNITED BY PILOT LIGHT, FLAME,
SPARK, HEATER, SMOKING, ELEC MOTOR, STATIC, IGNIT SOURCE.

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

Spill Release Procedures:SMALL: ABSORB LIQ ON ABSORBENT. LARGE: ELIMIN
IGNIT SOURCE. EVAC UNPROTECTED. STOP SPILL. DIKE SPILL, PUMP TO
SALV TANK. REMAINING MAY BE TAKEN UP ON ABSORB. SHOVEL INTO CNTNRS.
PREVENT RUNOFF TO SEWE R/STREAM/WATER BODY. NOTIFY AUTHORITIESOF

SPILL.

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

Handling and Storage Precautions:CNTNRS OF MAT'L MAY BE HAZARDOUS WHEN
EMPTIED, SINCE EMPTIED CNTNRS RETAIN PRODUCT RESIDUES. OBSERVE ALL
HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET.

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

Respiratory Protection:IF TLV/PEL OF PRODUCT/COMPONENT EXCEEDED,
NIOSH/MSHA AIR SUPPLIED RSPRTR ADVISED IN ABSENCE OF ENVIRONMNTL
CONTROL. OSHA REGS PER

MIT NIOSH/MSHA RSPRTRS (NEG PRESS TYPE) UNDER
SPECIFIED COND. IMPLEMENT ENGINEERING/ADMINISTRATION CONTROLS.

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

Protective Gloves:WEAR REISSTANT GLOVES.

Eye Protection:CHEM SPLASH GOGGLES, SAFETY GLASSES.

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

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supp

lemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:237F,114C

Vapor Pres:16. @68F**

Spec Gravity: