

DYNAMOLD SOLVENTS INC -- 3101 SOLVENT BLEND -- 6850-01-481-1299

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Product Identification
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Product ID:3101 SOLVENT BLEND

MSDS Date:09/09/2000

FSC:6850

NIIN:01-481-1299

Status Code:A

MSDS Number: CLBPY

=== Responsible Party ===

Company Name:DYNAMOLD SOLVENTS INC

Address:2905 SHAMROCK AVE

City:FORT WORTH

State:TX

ZIP:76107

Country:US

Info Phone Num:817-335-0862

Emergency Phone Num:800-255-3

924

Preparer's Name:CHEM-TEL INC

CAGE:1MFE1

=== Contractor Identification ===

Company Name:DYNAMOLD SOLVENTS INC

Address:2905 SHAMROCK AVE

Box:City:FORT WORTH

State:TX

ZIP:76107

Country:US

Phone:817-335-0862

Contract Num:SP0450-01-M-D864

CAGE:1MFE1

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

= Wt:50.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5

000 LBS

Ingred Name:ACETONE

CAS:67-64-1

RTECS #:AL3150000

= Wt:5.

OSHA PEL:2400 MG/M3;1000 PPM

ACGIH TLV:500 PPM

ACGIH STEL:2380 MG/M3;1000 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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===== 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:INHALATION: HIGH CONCENTRATIONS ARE

IRRITATING TO THE RESPIRATORY TRACT. SKIN: BRIEF CONTACT MA

Y CAUSE

SLIGHT IRRITATION. EYES: CONTACT CAUSES SEVERE IRRITATION.

INGESTION: MODERATELY TOXIC; LARGE DOSES MAY RESULT IN RED BLOOD
CELL HEMOLYSIS.

Effects of Overexposure:INHALATION: HIGH CONCENTRATIONS ARE IRRITATING
TO THE RESPIRATORY TRACT, MAY CAUSE HEADACHE, DIZZINESS, NAUSEA,
VOMITING AND MALAISE. SKIN: BRIEF CONTACT MAY CAUSE SLIGHT
IRRITATION, PROLONGED CONTACT MAY CAUSE MODORATE REDDENING,
SWELLING AND POSSIBLE NECROSIS. EYES: CONTACT CAUSES SEVERE

IRRITATION AND PAIN ASSOCIATED WITH REDNESS AND SWELLING OF THE
CONJUNCTIVE. INGESTION: MODERATELY TOXIC; MAY CAUSE HEADACHE,
DIZZINESS, DIARRHEA AND GENERAL WEAKNESS; LARGE DOSES MAY RESULT IN
RED BLOOD CELL HEMOLYSIS.

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

First Aid:INHALATION-REMOVE PERSON TO FRESH AIR, PROVIDE OXYGEN IF
BREATHING IS DIFFICULT: IF PERSON IS NOT BREATHING, ADMINISTER CPR
& SEEK EMERGENCY MEDICAL AID. SKIN-REMOVE CONTAMINATED C

LOTHING;

WASH AFFECTED AREA WITH SOAP & WATER; IF IRRITATION PERSISTS SEEK
MEDICAL AID. EYES-REMOVE CONTACT LENSES. FLUSH EYES WITH CLEAR
RUNNING WATER FOR 15 MINS WHILE HOLDING EYES OPEN; IF IRRITATION
PERSISTS, SEEK MEDICAL AID. INGESTION-GIVE 2 GLASSES OF WATER FOR
DILUTION; INDUCE VOMITING BY STICKING FINGERS DOWN THROAT, NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON; SEEK MEDICAL AID.

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

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Flash Point Method:TCC
Flash Point:=-18.7C, -2.F
Autoignition Temp:=465.C, 869.F
Lower Limits:2.6
Upper Limits:12.8

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

Fire Fighting Procedures:SELF-CONTAINED RESPIRATORY EQUIPMENT; COOL CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE EXPLOSION WHEN EXPOSED TO EXTREME HEAT. CAUTION-MATERIAL IS FLAMMABLE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS CAN EXPLODE DUE TO BUILDUP OF PRESSURE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:CAUTION-FLAMMABLE-EVACUATE AND VENTILATE AREA; CONFINE AND ABSORB INTO ABSORBENT; PLACE MATERIAL INTO APPROVED CONTAINERS FOR DISPOSAL FOR SPILL IN EXCESS OF ALLOWABLE LIMITS (RQ) NOTIFY THE NATIONAL RESPONSE CENTER 800-424-8802; REFER TO CERCLA 40 CFR 302 AND SARA TITLE III, SECTION 313 40 CFR 372 FOR DETAILED INSTRUCTION CONCERNING REPORTING REQUIRMENTS.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE; PROTECT CONTAINERS FROM ABUSE; PROTECT FROM EXTRME TEMPERATURES. CAUTION-FLAMMABLE-KEEP AWAY FROM ALL SOURCES OF IGNITION. EMPTY CONTAINERS MAY CONTAIN RESIDUE W HICH MAY FORM EXPLOSIVE VAPORS. "SEE OTHER INFORMATION"

Other Precautions:WASTE DISPOSAL: CONSULT YOUR LOCAL. STATE, OR FEDERAL ENVIRONMENTAL PEROTECTION AGENCY BEFORE DISPOSING OF ANY CHEMICALS.
DO NOT FLUSH TO SANITARY SEWER OR WATERWAY.

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

Respiratory Protection:NONE REQUIRED WHILE THRESHOLD LIMITS ARE KEPT BELOW MAXIMUM ALLOWABLE CONCENTRATIONS; IF TWA EXCEEDS LIMITS, NIOSH APPROVED RESPIRATOR MUST BE WORN. REFER TO 29 CFR 1910.134 FOR COMPLETE REGULATIONS.

Ventilation:THE USE OF LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL EMISSIONS NEAR THE SOURCE. PROVIDE MECHANICAL VENT

ILATION

OF CONFINED SPACES.

Protective Gloves:NEOPRENE OR ROBBER GLOVES WITH CUFFS.

Eye Protection:SAFET GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment:USE EXPLOSION-PROOF VENILATION EQUIPMENT.
SAFETY EYEBATH NEARBY.

Work Hygienic Practices:PRACTICE SAFE WORKPLACE HABITS. MINIMIZE BODY CONTACT WITH THIS, AS WELL AS ALL CHEMICALS IN GENERAL. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

GENERAL USE: CLEANING SOLVENT. PRODUCT DESCRIPTION: COLORL
ESS FLAMMABLE
LIQUID.

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

HCC:F2

Boiling Pt:=55.6C, 132.F

Melt/Freeze Pt:M.P/F.P Text:ND

Vapor Pres:185 MMHG @20C

Vapor Density:2.8

Spec Gravity:0.799

pH:NA

VOC Grams/Liter:6.7

Viscosity:13 CPS @ 25 C

Evaporation Rate & Reference:5 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, CHARACTERISTIC KETONE ODOR

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

Stability

Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ACIDS.

Stability Condition to Avoid:EXTREME TEMPERATURES, OPEN FLAMES, SPARKS.

Hazardous Decomposition Products:DECOMPOSITION WILL NOT OCCUR IF
HANDLED AND STORED PROPERLY. IN CASE OF A FIRE, OXIDES OF CARBON,
HYDROCARBONS, FUMES, AND SMOKE MAY BE PRODUCED.`

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:METHYL ETHYL KETONE, 50%, CA

S# 78-93-3, LD50

(ORAL, RAT)=3400 MG/KG, LC50 (INHALATION, RAT)=8000 PPM/8 HR.

ACETONE, 50%, CAS# 67-64-1, LD50 (ORAL, RAT)=9750 MG/KG, LC50 (INHALATION, RAT)=16,000 PPM/4H R.

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===== Ecological Information =====

Ecological:NO DATA ARE AVAILABLE ON THE ADVERSE EFFECTS OF THIS MATERIAL ON THE ENVIRONMENT. NEITHER COD NOR BOD DATA ARE AVAILABLE. BASED ON THE CHEMICAL COMPOSITION OF THIS PRODUCT IT IS ASSUMED THAT THE MIXTURE CAN BE TREATED

IN AN ACCLIMATIZED

BIOLOGICAL WASTE TREATMENT PLANT SYSTEM IN LIMITED QUANTITIES. HOWEVER, SUCH TREATMENT SHOULD BE EVALUATED & APPROVED FOR EACH SPECIFIC BIOLOGICAL SYSTEM. NONE OF THE INGREDIENTS IN THIS MIXTURE ARE CLASSIFIED AS A MARINE POLLUTANT.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. THIS PRODUCT MAY PRODUCE CONCENTRATED HAZARDOUS VAPORS OR FUMES

IN A DISPOSAL CONTAINER CREATING A

DANGEROUS ENVIRONMENT. REFER TO 40 CFR PROTECTION OF ENVIRONMENT PART 260-299 FOR COMPLETE WASTE DISPOSAL REGULATIONS FOR IGNITABLE MATERIALS. "SEE OTHER PRECAUTIONS"

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===== MSDS Transport Information =====

Transport Information:PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. (ACETONE/METHYL ETHYL KETONE MIXTURE). HAZARD CLASS/PACKING GROUP: 3/II. REFERENCE: 49 CFR 173.150.202.242. IDENTIFICATION NUMBER:

UN1993. LABEL: FLAMMABLE LIQUID. IATA HAZARD CLASS/PACKING GROUP: 3/II. IMDG HAZARD CLASS: 3.2. RID/ADR DANGEROUS GOODS CODE: 3. HAZARD SYMBOLS: F. *NOTE: TRANSPORTATION INFORMATION PROVIDED IS FOR REFERENCE ONLY. CLIENT IS URGED TO CONSULT CFR 49 PART 100-177, IMDG, IATA, EC & UNITED NATIONS TDG INFORMATION MANUAL FOR DETAILED REGULATIONS & EXCEPTIONS CONCERNING SPECIFIC CONTAINER SIZE, PACKAGING MATERIAL & METHODS OF SHIPPING.

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===== Regulatory Inf

ormation =====

SARA Title III Information:SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): 311/312 HAZARD CATEGORIES-FLAMMABLE. 313 REPORTABLE INGREDIENTS-(A) A "YES" IN THE SARA TITLE III COLUMN IN THE INGREDIENTS SECTION INDICATES A TOXIC CHEMICAL SUBJECT TO ANNUAL REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. YES-METHYL ETHYL KETONE.

Federal Regulatory Informat

ion:TSCA (TOXIC SUBSTANCE CONTROL ACT):

COIMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION AND LIABILITY ACT):

ACETONE. METHYL ETHYL KETONE AND ACETO NE: THE RESOURCE

CONSERVATION AND RECOVERY ACT (RCRA) HAS DETERMINED THE WASTE FOR

THIS CHEMICAL IS LISTED AS HAZARDOUS AMD MUST BE HANDLED ACCORDING

TO REGULATIONS IN 40 CFR 260-281. METHYL ETHYL KET ONE, RQ=5000

LBS. ACETONE, RQ=5000 LBS.

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Other Information =====

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

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