

## **Z THINNER**

### **MSDS Number**

BLBYH

### **National Stock Number**

8010-00N016982

### **Product Name**

Z THINNER

### **Manufacturer**

ITW DEVCON CORP

### **Product Identification**

Product ID:Z THINNER  
MSDS Date:07/20/1988  
FSC:8010  
NIIN:00N016982  
MSDS Number: BLBYH

### **Responsible Party**

ITW DEVCON CORP

30 ENDICOTT ST

DANVERS , MA 01923

US

Emergency Phone: 508-777-1100 800-424-9300(CHEMTREC)

Info Phone: 508-777-1100

Cage: EO352

### **Contractor**

ITW DEVCON CORP

DANVERS, MA 01923

US

508-777-1100

Cage: EO352

### **Ingredients**

TO THOSE OF MEDIUM ALIPHATIC NAPHTHA.

RTECS: 9999999ZZ

APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT

RTECS: 9999999ZZ

MEDIUM ALIPHATIC PETROLEUM SOLVENT NAPHTHA

CAS: 64742-88-7

Fraction By Weight: >60%

ACGIH TLV: 100 PPM (MFR)

AROMATIC NAPHTHA (OMATIC PETROLEUM SOLVENT NAPHTHA)

CAS: 64742-95-6

Fraction By Weight: 5-10%

ACGIH TLV: 100 PPM (MFR)

TRIMETHYL BENZENE (SARA III)

CAS: 25551-13-7

RTECS: DC3220000

Fraction By Weight: 1-5%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM; 9192

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYE:LIQUID IS MINIMALLY

IRRITATING TO EYES; HIGH VAPOR CONCENTRATIONS MAY CAUSE IRRITATION.

SKIN:POSSIBLE SLIGHT IRRITATION; PROLONGED OR REPEATED CONTACT CAN

CAUSE IRRITATION AND DERMATITIS BY DRYING AND DEFATTING THE SKIN.

INHAL:VAPORS MAY IRRITATE NOSE, THROAT, AND RESPIRATORY TRACT;

HIGH(SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:CONCENTRATIONS CAN CAUSE HEADACHE,

NAUSEA, DIZZINESS, UNCONSCIOUSNESS. INGEST:MAY CAUSE VOMITING.

VOMITED FLUID IF DRAWN INTO LUNGS CAN CAUSE SEVERE LUNG DAMAGE,

WITH COUGHING, LABORED BREATH ING, BLUISH SKIN. CHRONIC:PRLNGD/RPTD

EXPOS TO HIGH CONC MAY CAUSE NEURAL DYSFUNCTION. WORKERS EXPOSED TO

(SUPP DATA)

Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY

DISORDERS.

## First Aid

First Aid:EYE:FLUSH EYE WITH CLEAN WATER FOR AT LEAST 15 MINUTES WHILE

GENTLY HOLDING EYELIDS OPEN. GET MD IMMEDIATELY. SKIN:WASH

THOROUGHLY WITH SOAP AND WARM WATER. GET MD IF IRRITATION DEVELOPS.

INHAL:REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS

DIFFUCULT. GET MD. INGEST:DO NOT INDUCE VOMITING; IF PATIENTS

VOMITS, KEEP HEAD BELOW HIPS TO AVOID DRAWING FLUID INTO LUNGS. GET

MD IMMEDIATELY.

## Fire Fighting

Flash Point Method:TCC

Flash Point:112F,44C

Lower Limits:1.0%

Upper Limits:6.0%

Extinguishing Media:WATER, CO\*2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE WATER FOG, NOT DIRECT STREAM OF WATER;

PROD WILL FLOAT & CAN BE REIGNITED ON SURFACE OF WATER. COOL FIRE

EXPOSED CNTNRS W/WATER. WEAR NIOSH/MSHA (SUPP DATA)

Unusual Fire/Explosion Hazard:VAPOR PRESSURE WILL BUILD UP IN HEATED,

CLOSED CONTAINERS, AND CAN CAUSE BURSTING.

## Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES; VENTILATE AREA;

FOR LARGE SPILLS WEAR NIOSH/MSHA APPROVED RESPIRATOR, PROTECTIVE

CLOTHING AND OVERSHOES. ABSORB SPILL ON INERT MATERIAL SUCH AS SAND

OR VERMICULITE AND TRAN SFER TO SEALED, IMPERVIOUS CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE WELL CLOSED IN A COOL, DRY

PLACE. AVOID OPEN FLAMES, SPARKS, AND EXCESSIVE HEAT. USE WITH

ADEQUATE VENTILATION.

Other Precautions: AVOID SPLASHING. AVOID PROLONGED OR REPEATED PERSONAL CONTACT.

## Exposure Controls

Respiratory Protection: NONE NEEDED WITH GOOD VENTILATION. WHERE VAPOR LEVELS EXCEED THE TLV, WEAR NIOSH/MSHA APPROVED ORGANIC VAPOR PROTECTION.

Ventilation: GEN MECH VENT NORMALLY SUFFICIENT FOR OCCASIONAL USE IN OPEN AREAS. EXPLO-PROOF LOC EXHST FOR CONFINED AREAS/RPTD USES.

Protective Gloves: RUBBER GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFFECTS OF OVEREXPOSURE: 10-50 PPM OF TRIMETHYLBENZENE REGULARLY OVER SEVERAL YEARS SHOWED SYMPTOMS OF NERVOUSNESS, TENSION, ANXIETY, ASTHMATIC BRONCH, & MILD BLOOD-CLOTTING DISORDERS. MEDIUM ALIPHATIC PETROLEUM SOLVENT NAPHTHA: MILD EYE, SKIN, AND RESP IRRIT. LIGHT AROMATIC PETROLEUM SOLV NAPHTHA: HAZARDS PRESUMED SIMILAR (SEE ING 4)

## Chemical Properties

HCC: F4

Boiling Pt: B.P. Text: 317F, 158C

Vapor Pres: Vapor Density: 4.8

Spec Gravity: 0.78

pH: 7

Evaporation Rate & Reference: 0.07 (BUTYL ACETATE=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR LIQUID WITH HYDROCARBON ODOR.

Percent Volatiles by Volume: 100

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, ACIDS AND BASES.

Stability Condition to Avoid: HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products: CO, CO<sub>2</sub>, AND A VARIETY OF UNIDENTIFIED ORGANIC COMPOUNDS WILL BE FORMED DURING DECOMPOSITION.

## Disposal

Waste Disposal Methods: TREAT AS IGNITABLE HAZARDOUS WASTE UNDER RCRA. DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

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