

## **010522, THINNER 2**

### **MSDS Number**

BNBGM

### **National Stock Number**

8010-00N028497

### **Product Name**

010522, THINNER 2

### **Manufacturer**

CARBOLINE CO

### **Product Identification**

Product ID:010522, THINNER 2

MSDS Date:09/10/1987

FSC:8010

NIIN:00N028497

MSDS Number: BNBGM

### **Responsible Party**

CARBOLINE CO

350 S HANLEY RD

ST. LOUIS , MO 63144-1510

US

Emergency Phone: 314-644-1000

Info Phone: 314-644-1000 / FAX 314-644-4617

Preparer: J.K.M

Cage: 06634

### **Contractor**

CARBOLINE CO

ST. LOUIS, MO 63144-1599

US

314-644-1000

Cage: 06634

### **Ingredients**

2.0@20C

CAS: 64742-88-7

Fraction By Weight:

OSHA PEL500 PPM

ACGIH TLV: 500 PPM

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight:

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2.0@20C

Fraction By Weight:

ACGIH TLV: 275 PPM (MFR)

71.0@20C

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight:

OSHA PEL200 PPM;300 PPM STEL

ACGIH TLV: 200 PPM;300 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## 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 TOX:OVEREXP CAN LEAD TO CNS

DEPRESS PRDCG HDCH, DIZZ, NAUS, & LOSS OF CONSCIOUSNESS.

EYE:SHORT-TERM CONT MAY RSLT IN SLIGHT IRRIT. PRLNG/RPTD CONT MAY

BE MORE IRRITATING. SKIN:PRLNG/RPTD LIQ CON T CAN CAUSE DEFAT/DRY

OF SKIN WHICH MAYRST IN SKIN IRRIT/DERM. INHAL:HIGH CONC/PRLNG

EXPOS TO LOWER (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: CONC MAY BE SLIGHTLY IRRITATING TO

MUCOUS MEMBFANES.NOTE:TOLUENE CAS#108-88-3 APPEARS ON THE NAVY

LISTING OF OCCUP REPRO HAZ. SEEK CONSULTATION FROM APPROP HEALTH

PROFESSIONALS CONCERN LATES T HAZ LIST INFO AND SAFE HANDLING AND

EXPOS RECOMMENDATIONS.

Medical Cond Aggravated by Exposure:NONE.

## First Aid

First Aid:EYE: FLUSH WITH WATER FOR @ LEAST 15 MIN WHILE HOLDING LIDS

OPEN. GET MED ATTN. SKIN: WASH WITH SOAP & WATER. REMOVE

CONTAMINATED CLOTHING & SHOES. CLEAN BEFORE USING. IF PERSISTENT

IRRITATION OCCURS, GET MED ATTN. INHAL:REMOVE TO FRESH AIR.

PROVIDE O\*2 IF BRTHG IS DIFFICULT. GIVE ARTF RESP IF NOT BRTHG. GET

MED ATTN. INGEST: DO NOT INDUCE VOMIT! IF CONFLICTION VOMIT

STATEMENTS DEFER TO MSDS/PHYS.

## Fire Fighting

Flash Point Method:PMCC

Flash Point:24.0F,-4.4C

Lower Limits:1.0%

Upper Limits:11.5

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

Fire Fighting Procedures:NIOOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.

EVACUATE HAZ AREA. COOL FIRE-EXPOS CONTR W/H\*20. IN CASE OF LG

FIRE/ALSO COOL SURROUND EQUIP & STRUCTURE W/H\*20.

Unusual Fire/Explosion Hazard:VAP ARE HVR/AIR & MAY ACCUMULATE. VAP MAY

BE IGNITED @ LOCATIONS DISTANT FROM HANDLING SITE. FLASHBACK OF

FLAME TO THE HANDLING SITE MAY OCCUR.

## Accidental Release

Spill Release Procedures:WARNING! FLAMM. ELINIMATE ALL IGNIT SOURCES.

HNDLG EQUIP MUST BE GROUNDED TO PVNT SPARK. LG SPILLS:EVACUATE HAZ AREA OF UNPROTECTED PERS. WEAR NIOSH/MSHA APPRVD APPROP RESP & PROT CLTHG. DIKE/CNTN. TR ANSFER TO STOR/SALVAGE VESSELS. SOAK UP(SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPARKS/OPEN FLAME, STRONG OXIDIZING AGENTS. KEEP CONTR CLSD. STORE IN COOL/DRY PLACE W/ADEQ VENT.

Other Precautions:GROUND EQUIP TO PVNT ACCUMULATION OF STATIC CHARGE. IF POUR/TRANSFERRING MATL, CONTR MUST BE BOND & GROUND. DO NOT WELD, HEAT/DRILL ON OR NEAR CONTR; EVEN EMPTIED CONTR CAN CNTN EXPLO VAP. PROVIDE NIO SH/MSHA APPRVD RESP PROT (SUPP DATA)

## Exposure Controls

Respiratory Protection:IF EXPOS MAY/DOES EXCEED OCCUP EXPOS LIM, USE NIOSH/MSHA APPRVD RESP TO PVNT OVEREXP. I/A/W 29 CFR 1910.134 USE EITHER A NIOSH/MSHA APPRVD ATM-SUPPLYING RESP OR A NIOSH/MSHA APPRVD PURIFYING RESP FOR ORGANIC VAPORS.

Ventilation:USE EXPLOSION-PROOF VENT AS REQUIRED TO CONTROL VAP CONCENTRATIONS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLE .

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

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING/USING TOILET FACILITIES. LAUNDER CONTAMD CLTHG BEFORE REUSE.

Supplemental Safety and Health

SPILL PROC: RESIDUAL W/AN ABSORB SUCH AS CLAY/SAND. FLUSH AREA W/WATER & DISPERSE OF FLUSH SOLN. SM SPILLS: TAKE UP W/AN ABSORB MATL & SEAL TIGHTLY FOR PROPER DISP. OTHER PREC: AGAINST SMOKE & FUMES G ENERATED DURING BURNING OR DUSTS GENERATED DURING REMOVAL OF DRY COATINGS.

## Chemical Properties

HCC:F3

Boiling Pt:B.P. Text:>175F,>79C

Vapor Pres:SEE INGRED

Spec Gravity:0.9

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:100.0

## Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, SPARKS, AND OPEN FLAME.

Hazardous Decomposition Products:CO & UNIDENTIFIED ORG CMPD MAY BE FORMED DURING COMBUSTION.

## Disposal

Waste Disposal Methods:PLACE CONTAMINATED MATERIAL IN SUITABLE CONTAINERS FOR DISPOSAL. PLACE IN DISPOSAL FACILITY APPROVED UNDER RCRA REGULATIONS FOR HAZARDOUS WASTE. USE NON-LEAKING CONTR, SEAL TIGHTLY & LBL PROPERLY. DIS POSE OF I/A/W FED, ST & LOC REGS .

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