

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-112/112-15-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
112-15-2

**Code:**  
M

**RTECS:**  
KK8925000

**Code:**  
M

**Name:**  
CARBITOL SOLVENT,PM 600./LD50 ORAL RAT=11G/KG.

**Other REC Limits:**

N/P

**OSHA PEL:**  
N/P

**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

AIR SUPPLIED MASK IN CONFINED AREAS

**Ventilation:**

LOCAL EXHAUST,PREFERRED./MECHANICAL(GENERAL),ACCEPTABLE

**Protective Gloves:**

PLASTIC

**Eye Protection:**

SAFETY GOGGLES

**Other Protective Equipment:**

Equipment EYE BATH SAFETY SHOWER

**Work Hygienic Practices:**

N/P

**Supplemental Safety and Health:**

5 UNDATED MSDS./ALT.EMERG.PH.#(304)7443487./AUTO-IGN.TEMP.400F./FREEZ PT<-58F,-50C./P/N:ALSO CALLED G.F. VELVOLEUM CLEANER #50 AS TRADE NAME.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

N/P

**Skin:**

N/P

**Ingestion:**

N/P

**Carcinogenicity Inds - NTP:**

N/P

**IARC:**

N/P

**OSHA:**

N/P

**Health Hazards Acute And Chronic:**

3 N/P

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

MILD SKIN/EYE IRRIT.:MILD EXPOS:DIZZ.,MODERATE IRRIT.;PROLONGED AND REPEATED EXPOS:ILLNESS.

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

FLUSH SKIN & EYES W/WTR./IF INHALED,REMOVE TO FRESH AIR./IF NOT BREATHING,GIVE CPR./GIVE OXYGEN IF BREATHING IS DIFFICULT./CALL A PHYSICIAN.

**Spill Release Procedures:**

FLUSH HEAVILY WITH WATER.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

INCINERATE IN A FURNACE./DISPOSE OF IAW LOCAL,STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

COMBUSTIBLE.AVOID BREATHING VAPORS.USE ADEQUATE VENTILATION.KEEP AWAY FROM HEAT,SPARK,OPEN FLAMES.KEEP CONTAINERS CLOSED.

**Other Precautions:**

N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

117F,47C,TOC 4

**Autoignition Temp:**

**Autoignition Temp Text:**

400F

**Lower Limits:**

1.6

**Upper Limits:**

11.2

**Extinguishing Media:**

SM FIRE:CO<sub>2</sub>,DRY CHEM;LG FIRE:ALCOHOL FOAM AND WATER.

**Fire Fighting Procedures:**

NONE

**Unusual Fire/Explosion Hazard:**

NONE

## Physical/Chemical Properties

**HCC:**

T6

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

=160.,320.,F

**B.P. Text:**

**Melt/Freeze Pt:**

**M.P./F.P. Text:**

N/A

**Decomp Temp:**

**Decomp Text:**

N/A

**Vapor Pres:**

1.

**Vapor Density:**

3.2

**Volatile Org Content %:**

**Spec Gravity:**

0.985

**VOC Pounds/Gallon:**

**PH: N/P**

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

0.1

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

WATER WHITE LIQUID;ESTER ODOR

**Percent Volatiles by Volume:**

100

**Corrosion Rate:**

N/P

## Reactivity Data

**Stability Indicator:**

**Stability Condition To Avoid:**

**Hazardous Decomposition Products:**

**Hazardous Polymerization Indicator:**

**Conditions To Avoid Polymerization:**

## Toxicological Information

**Information:** N/P

## MSDS Transport Information

**Information:** N/P

## Regulatory Information

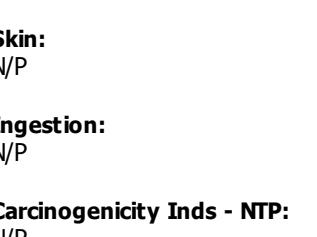
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:** N/P



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