

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-164/16485-10-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

16485-10-2

**Code:**

M

**RTECS:****Code:**

X

**Name:**

PANTHENOL (RACEMIC PANTOTHENOL)

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

NONE SHOULD BE NECESSARY UNDER NORMAL CIRCUMSTANCES.

**Ventilation:**

NONE SHOULD BE NECESSARY UNDER NORMAL CIRCUMSTANCES.

**Protective Gloves:**

NONE 4

**Eye Protection:**

AVOID EYE CONTACT; SHIELD EYES W/HAND.

**Other Protective Equipment:**

Equipment NONE

**Work Hygienic Practices:**

USE REASONABLE CARE WITH THIS ITEM. WASH HANDS BEFORE EATING.

**Supplemental Safety and Health:**

THIS RECORD WAS GENERATED FROM AN UNDATED MSDS. THE FORMULA FOR THE SPECIALLY DENATURED ALCOHOL (SDA) IN THIS PRODUCT WAS OBTAINED FROM 27CFR21.75.

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 ORAL RAT HAS NOT BEEN ESTABLISHED

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYES: MAY CAUSE IRRITATION

**Explanation Of Carcinogenicity:**

THIS ITEM DOES NOT CONTAIN ANY INGREDIENT AT 0.1% OR GREATER WHICH IS A CARCINOGEN.

**Signs And Symptoms Of Overexposure:**

EYE IRRITATION.

**Medical Cond Aggravated By Exposure:**

3 NONE

**First Aid:**

EYES: FLUSH WITH WATER.

**Spill Release Procedures:**

FLUSH WITH WATER.

**Neutralizing Agent:**

NOT APPLICABLE.

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID HEAT, SPARKS AND FLAMES.

**Other Precautions:**

NONE

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

58.0F, 14.4C

**Autoignition Temp:****Autoignition Temp Text:**

N/K

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER.

**Fire Fighting Procedures:**

USE A SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

**Unusual Fire/Explosion Hazard:**

NONE

## Physical/Chemical Properties

**HCC:**

F4

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

N/P

**Boiling Point:****B.P. Text:**

N/K

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

N/K

**Decomp Temp:****Decomp Text:**

UNKNOWN

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

WATER.

**Spec Gravity:**

.86

**VOC Pounds/Gallon:**

N/P

**pH:**

N/K

**VOC Grams/Liter:**

N/P

**Viscosity:**

N/K

**Evaporation Rate & Reference:**

1 (WATER=1)

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

SLIGHTLY CLOUDY, THIN LIQUID, CHARACTERISTIC ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

**Conditions To Avoid Polymerization:**

N/R

## 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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