

# 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

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
NONE SHOULD BE NESCESSARY UNDER NORMAL CIRCUMSTANCES.

**Ventilation:**  
NONE SHOULD BE NESCESSARY 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

**LD50LC50Mixture:**  
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 Symptions 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-VANTILATED 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:**

**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 %:**

**Spec Gravity:**  
.86

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
1 (WATER=1)

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
SLIGHTLY CLOUDY,THIN LIQUID,CHARATERISTIC ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
NO

**Stability Condition To Avoid:**  
HIGH HEAT AND SOURCES OF IGNITION.

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
CARBON DIOXIDE,CARBON MONOXIDE.

**Hazardous Polymerization Indicator:**  
NO

**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