

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-416/4165-62-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

4165-62-2

**Code:**

M

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

X

**Name:**

PHEN-D5-OL

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

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

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

IF EXPOSURE LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

**Ventilation:**

FUME HOOD/EQUIVALENT VENTILATION.

**Protective Gloves:**

VITON, POLYVINYL ALCOHOL/EQUIVALENT.

**Eye Protection:**

SAFETY GLASSES W/SIDE SHIELDS

**Other Protective Equipment:**

Equipment EYE WASH & SAFETY EQUIPMENT.

**Work Hygienic Practices:**

4 N/K

**Supplemental Safety and Health:**

HEALTH HAZARDS CONT'D: EXCESSIVE EXPOSURE MAY CAUSE BLOOD DEFECTS & CAN AFFECT LIVER, KIDNEYS & CENTRAL NERVOUS SYSTEM.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

IRRITATING ON CONTACT W/SKIN/EYES/MUCOUS MEMBRANES. EYE INJURY. INHALATION: TOXIC. HIGH VAPOR CONCENTRATION MAY CAUSE IRREGULAR HEARTBEATS/DEATH. INGESTION: TOXIC. GI TRACT IRRITATION W/VOMITING. IF VOMITING OCCURS, METHYLENE CHLORIDE CAN BE ASPIRATED INTO THE LUNGS, MAY CAUSE CHEMICAL PNEUMONIA/SYSTEMIC EFFECTS. (SUPP)

**Explanation Of Carcinogenicity:**

SEE INGREDIENTS.

**Signs And Symptoms Of Overexposure:**

IRRITATION, DIZZINESS, NAUSEA, HEADACHE, NARCOSIS, COMA, VOMITING

**Medical Cond Aggravated By Exposure:**

HEART, KIDNEY & LIVER CONDITIONS.

**First Aid:**

SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR, GIVE CPR IF BREATHING HAS SPED. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

WEAR SUITABLE PROTECTIVE EQUIPMENT. ELIMINATE ANY IGNITION SOURCES UNTIL AREA IS FREE FROM EXPLOSION/FIRE HAZARDS. CONTAIN THE RELEASE & ELIMINATE ITS SOURCE SAFELY W/OUT RISK. DISPOSE OF AS HAZARDOUS WASTE. 3

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF AS HAZARDOUS WASTE IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, WELL VENTILATED AREA AWAY FROM OPEN FLAMES.

**Other Precautions:**

DON'T BREATH VAPOR/MIST. DON'T GET IN EYES, ON SKIN/ON CLOTHING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

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

103.64F

**Melt/Freeze Pt:**

139F

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

-139F

**Decomp Temp:**

13

**Autoignition Temp Text:**

N/A

**Lower Limits:**

13

**Upper Limits:**

23

**Extinguishing Media:**

WATER SPRAY, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR SELF CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

FORMS FLAMMABLE VAPOR-AIR MIXTURES ABOVE AMBIENT TEMPS.

## Physical/Chemical Properties

**HCC:****NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

103.64F

**Melt/Freeze Pt:**

139

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

-139F

**Decomp Temp:**

13

**Decomp Text:**

N/K

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

OPEN FLAME, WELDING ARCS, HOT SURFACES, AMBIENT TEMPS.

**Materials To Avoid:**

BASES, OXIDIZERS, ALKALI METALS, ALUMINUM & MAGNESIUM POWDER, SODIUM, POTASSIUM & LITHIUM.

**Hazardous Decomposition Products:**

HYDROGEN CHLORIDE, PHOSGENE, CHLORINE.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## 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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