

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-617/61791-12-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
61791-12-6

**Code:**  
M

**RTECS:**  
G05661000

**Code:**  
M

**Name:**  
CASTOR OIL, ETHOXYLATED

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH OR MASH APPROVED EQUIPMENT MUST BE AVAILABLE FOR NON-ROUTINE & EMERGENCY USE.

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
PRACTICE CAUTION & GOOD PERSONAL CLEANLINESS TO AVOID SKIN & EYE CONTACT.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
2 SKIN/EYES: IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
SKIN/EYES: IRRITATION.

**Medical Cond Aggravated By Exposure:**  
NONE

**First Aid:**  
SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/LARGE AMOUNTS OF WATER. GET MED ATTN. INHALATION: REMOVE TO FRESH AIR. GET MED ATTN. INGESTION: GET MED ATTN.

**Spill Release Procedures:**  
SCOOP UP & PLACE IN A SUITABLE CONTAINER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE AWAY FROM FIRE OR OPEN FLAME. AVOID EXPOSURE TO TEMPERATURES ABOVE 120F.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TOC

**Flash Point:**

**Flash Point Text:**  
>300F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
CO, DRY CHEMICAL

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS

**Unusual Fire/Explosion Hazard:**  
SMOKE FROM FIRE CAN CONTAIN TOXIC ZINC FUMES & CARBON MONOXIDE.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
165F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.05

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
SLIGHT

**Appearance and Odor:**  
LIGHT TAN GREASE, LITTLE ODOR

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
OPEN FLAME, HIGH TEMPERATURES

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
ZINC OXIDE FUMES, CO

**Hazardous Polymerization Indicator:**  
NO 4

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

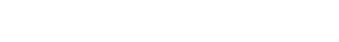
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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