

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12068-86-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
12068-86-9  
**Code:**  
M  
**RTECS:**  
**Code:**  
X  
**Name:**  
MAGNESIUM FERRITE \*91/4\*  
**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:**  
AS NEEDED.  
**Ventilation:**  
MECHANICAL (GENERAL): RECOMMENDED  
**Protective Gloves:**  
NONE REQUIRED  
**Eye Protection:**  
USE OF SAFETY GLASSES  
**Other Protective Equipment:**  
Equipment N/K  
**Work Hygienic Practices:**  
WASH HANDS BEFORE EATING OR SMOKING.  
**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K  
**Route Of Entry Inds - Inhalation:**  
YES  
**Skin:**  
NO  
**Ingestion:**  
YES  
**Carcinogenicity Inds - NTP:**  
NO  
**IARC:**  
NO  
**OSHA:**  
NO  
**Health Hazards Acute And Chronic:**  
EYES: TEMPORARY DISCOMFORT. SKIN: PROLONGED EXPOSURE CAUSE NO KNOWN ADVERSE EFFECT. INHALATION: IRRITATION TO NOSE OR THROAT. NO INJURY IS LIKELY FROM RELATIVELY SHORT EXPOSURE. INGESTION: AMOUNTS TRANSFERRED TO MOUTH BY FINGERS, ETC. DURING NORMAL OPERATION SHOULDNT CAUSE INJURY.  
**Explanation Of Carcinogenicity:**  
NONE  
**Signs And Symptoms Of Overexposure:**  
EYES: TEMPORARY DISCOMFORT. INHALATION: IRRITATION TO NOSE OR THROAT.  
**Medical Cond Aggravated By Exposure:**  
N/K  
**First Aid:**  
EYES: FLUSH PROMPTLY W/WATER. SKIN: WASH THOROUGHLY W/SOAP & WATER. OBTAIN MEDICAL ATTENTION.  
**Spill Release Procedures:**  
ABSORBANT MATERIAL, SUCH AS CLAY OR SAND, TO COLLECT AND CONTAIN FOR SALVAGE & DISPOSAL.  
**Neutralizing Agent:**  
N/K  
**Waste Disposal Methods:**  
PACKAGE IN D.O.T. APPROVED CONTAINERS & TRANSPORT TO AN EPA APPROVED TREATMENT, STORAGE, & DISPOSAL (TSD) FACILITY.  
**Handling And Storage Precautions:**  
DONT STORE NEAR FOOD OR FEED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW WARNINGS EVEN AFTER CONTAINER IS EMPTIED.  
**Other Precautions:**  
PRODUCT IS AN OIL IN THE CONTEXT OF THE U.S. CLEAN WATER ACT. SPILLS TO U.S. SURFACE WATERS, OR TO WATERCOURSES OR SEWERS LEADING TO U.S. SURFACE WATERS THAT CAUSE A VISIBLE SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.  
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## Fire and Explosion Hazard Information

**Flash Point Method:**  
TOC  
**Flash Point:**  
**Flash Point Text:**  
>610F  
**Autoignition Temp:**  
**Autoignition Temp Text:**  
N/A  
**Lower Limits:**  
N/R  
**Upper Limits:**  
N/R  
**Extinguishing Media:**  
FOAM, CO2, DRY CHEMICAL, WATER FOG  
**Fire Fighting Procedures:**  
RECOMMEND SELF-CONTAINED BREATHING APPARATUS W/A FULL FACEPIECE OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE & FULL BODY PROTECTIVE CLOTHING.  
**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**  
**NRC/State LIC No:**  
**Net Prop WT For Ammo:**  
**Boiling Point:**  
**B.P. Text:**  
N/R 3  
**Melt/Freeze Pt:**  
**M.P/F.P Text:**  
N/R  
**Decomp Temp:**  
**Decomp Text:**  
N/R  
**Vapor Pres:**  
N/K  
**Vapor Density:**  
>AIR  
**Volatile Org Content %:**  
**Spec Gravity:**  
1.5  
**VOC Pounds/Gallon:**  
**PH:** N/K  
**VOC Grams/Liter:**  
**Viscosity:**  
N/P  
**Evaporation Rate & Reference:**  
SLOWER THAN ETHER  
**Solubility in Water:**  
**Appearance and Odor:**  
LIQUID W/SLIGHT RESIN ODOR.  
**Percent Volatiles by Volume:**  
N/K  
**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES  
**Stability Condition To Avoid:**  
ELEVATED TEMPERATURE  
**Materials To Avoid:**  
OXIDIZING MATERIALS CAN CAUSE A REACTION.  
**Hazardous Decomposition Products:**  
SILICON DIOXIDE, OXIDES OF CARBON, INCOMPLETELY BURNED HYDROCARBONS, TRACES OF FORMALDEHYDE.  
**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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