

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-685/68551-17-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
68551-17-7

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
ODORLESS MINERAL SPIRITS

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NOT NORMALLY REQUIRED. IF TLV OR PEL IS EXCEEDED, OR FOR SYMPTOMS OF OVER-EXPOSURE, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

**Ventilation:**  
5 NORMAL ROOM VENTILATION IS EXPECTED TO BE SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST MAY BE NECESSARY UNDER SOME USAGE.

**Protective Gloves:**  
NEOPRENE, OTHER CHEMICAL RESISTANT.

**Eye Protection:**  
CHEMICAL GOGGLES IF SPLASHING OCCURS.

**Other Protective Equipment:**  
Equipment EYE WASH STATION AND SAFETY SHOWER. WORK CLOTHING AS NECESSARY TO PREVENT PROLONGED/REPEATED SKIN CONTACT.

**Work Hygienic Practices:**  
WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
NONE

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS UNKNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
MAY CAUSE RESPIRATORY IRRITATION. EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE HEADACHE, DIZZINESS AND NAUSEA. EYE CONTACT MAY CAUSE BURNING AND IRRITATION. SKIN ABSORPTION IS POSSIBLE ROUTE OF ENTRY.

**Explanation Of Carcinogenicity:**  
THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

**Signs And Symptoms Of Overexposure:**  
EYES: IRRITATION. SKIN: MILD IRRITATION, DRYING, POSSIBLE DERMATITIS. INHALATION: RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, NAUSEA. INGESTION: NONE GIVEN BY MANUFACTURER.

**Medical Cond Aggravated By Exposure:**  
NONE KNOWN.

**First Aid:**  
EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. GET MEDICAL ATTENTION IF SYMPTOMS PERSISTS. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

**Spill Release Procedures:**  
WEAR PERSONAL PROTECTIVE EQUIPMENT. CLEAN UP WITH ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. FLUSH RESIDUE WITH WATER.

**Neutralizing Agent:**  
4 NONE SPECIFIED BY MANUFACTURER.

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

**Handling And Storage Precautions:**  
STORE IN CLOSED CONTAINER. AVOID EXTREME HEAT.

**Other Precautions:**  
NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
CC

**Flash Point:**

**Flash Point Text:**  
>199F,>93C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
UNKNOWN

**Upper Limits:**  
UNKNOWN

**Extinguishing Media:**  
USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

**Unusual Fire/Explosion Hazard:**  
COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
176F,80C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
<75

**Vapor Density:**  
UNKNOWN

**Volatile Org Content %:**

**Spec Gravity:**  
1.01

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P 6

**Evaporation Rate & Reference:**

**Solubility in Water:**  
APPRECIABLE

**Appearance and Odor:**  
TAN OPAQUE LIQUID, SLIGHT SOLVENT ODOR

**Percent Volatiles by Volume:**  
76

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE GIVEN BY MANUFACTURER (SUPPLIER).

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
CARBON DIOXIDE AND CARBON MONOXIDE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## Toxicological Information

**Information:** N/P

## MSDS Transport Information

**Information:** N/P

## Regulatory Information

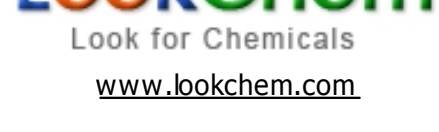
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:** N/P



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