

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-382/38215-36-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
38215-36-0  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
COUMARIN 540

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
ACGIH TLV: N/K  
**Code:**  
1 OSHA STEL:

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
WEAR A NIOSH APPROVED DUST RESPIRATOR.

**Ventilation:**  
GOOD GENERAL ROOM VENTILATION/LOCAL EX-HAUST.

**Protective Gloves:**  
REQUIRED

**Eye Protection:**  
SAFETY GLASSES

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

**Work Hygienic Practices:**  
N/K

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
N/K

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. SKIN: WASH W/SOAP & COPIOUS AMOUNTS OF WATER. EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. INGESTION: DRINK 1-2 GLASSES OF WATER/MILK. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
SWEEP UP & PACKAGE FOR INCINERATOR.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE BY INCINERATION/CONTRACT W/LICENSED CHEMICAL WASTE DISPOSAL AGENCY IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP FROM CONTACT W/OXIDIZING MATERIALS.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P 2

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, DRY CHEMICAL, CO2

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
FIRE/EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

## 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:**  
405F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
NEGLEGIBLE

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K 3

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(N-BU AC=1): NEGLEGIBLE

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
ORANGE CRYSTALS W/NO ODOR.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
FIRE/EXCESSIVE HEAT.

**Materials To Avoid:**  
STRONG OXIDIZERS

**Hazardous Decomposition Products:**  
CO2, CO, OXIDES OF NITROGEN &SULFUR

**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