

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-687/68783-41-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
68783-41-5  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
FATTY ACIDS, C-18 UNSATURATED, DIMERS HYDROGENATE

**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:**  
WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA APPROVED RESPIRATORS.

**Ventilation:**  
DILUTION/LOCAL EXHAUST TO PREVENT BUILD UP OF VAPORS. USE EXPLOSION-PROOF EQUIPMENT. USE NON-SPARKING EQUIPMENT.

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
SAFETY GLASSES/GOGGLES/FACE SHIELD

**Other Protective Equipment:**  
Equipment EYE WASH, SAFETY SHOWER, IMPERVIOUS CLOTHING, APRON, BOOTS.

**Work Hygienic Practices:**  
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS THOROUGHLY AFTER HANDLING & BEFORE EATING/SMOKING.

**Supplemental Safety and Health:**  
DISCARD CONTAMINATED LEATHER ITEMS. FIRE HAZ: VAPORS ARE >AIR, MAY TRAVEL LONG DISTANCES TO SOURCE OF IGNITION/FLASHBACK. HLTH HZRD: LUNG INFLAMMATION DUE TO ASPIRATION/MUCOUS MEMBRANE IRRITATION/BURNS OF MOUTH/THROAT/STOMACH. OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
YES 4

**Health Hazards Acute And Chronic:**  
INHALATION: IRRITATION OF RESPIRATORY TRACT/MUCOUS MEMBRANE/CNS DEPRESSION/ANESTHETIC EFFECT/LUNG/LIVER/KIDNEY DAMAGE/PULMONARY EDEMA/PNEUMOCONIOSIS/ASPHYXIATION/SENSITIZATION/DEATH. SKIN: IRRITATION/ DERMATITIS/BURNS/ABSORPTION. EYES: IRRITATION/CONJUNCTIVITIS/BURNS/CORNEAL INJURY. INGESTION: CNS DEPRESSION. (SEE SUPP)

**Explanation Of Carcinogenicity:**  
SEE INGREDIENTS.

**Signs And Symptoms Of Overexposure:**  
IRRITATION/FATIGUE/DROWSINESS/DIZZINESS/LIGHTHEADEDNESS/HEADACHE/UNCOORDINATION/NAUSEA/VOMITING/COUGHING/SNEEZING/DIFFICULTY W/SPEECH/APATHY/RESPIRATORY PROBLEMS/INTOXICATION/TIGHTNESS OF CHEST/CONFUS ION/NARCOSIS/DIFFICULTY BREATHING/LOSS OF CONSCIOUSNESS/DEFATTING/BLISTERING/BLURRED VISION/BLINDNESS/DIARRHEA.

**Medical Cond Aggravated By Exposure:**  
EYES, SKIN, RESPIRATORY & LUNG DISORDERS, ASTHMA-LIKE CONDITIONS, CARDIAC ABNORMALITIES, KIDNEY, LIVER & NERVOUS SYSTEM DISORDERS.

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING. HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. SKIN: FLUSH W/WATER; THEN WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ELIMINATE SOURCES OF IGNITION. USE NON-SPARKING TOOLS. EVACUATE AREA. PLACE COLLECTED MATERIAL IN PROPER CONTAINER. LARGE: SHUT OFF LEAK SAFELY. DIKE & CONTAIN. PUMP TO STORAGE/SALVAGE VESSELS. USE AB SORBENT TO PICKUP EXCESS RESIDUE. KEEP SALVAGEABLE

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

**Handling And Storage Precautions:**  
STORE <80F. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE. USE ONLY W/ADEQUATE VENTILATION.

**Other Precautions:**  
DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. DON'T USE ON TOYS/FURNITURE/SURFACES. DON'T APPLY ON EXTERIOR SURFACES OF DWELLING UNITS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL/FATAL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
CC

**Flash Point:**

**Flash Point Text:**  
48F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
DRY CHEMICAL/FOAM, WATER FOG, CO2. 5

**Fire Fighting Procedures:**  
WATER MAY BE USED TO COOL & PROTECT EXPOSED CONTAINERS. USE FULL PROTECTIVE CLOTHING & SCBA.

**Unusual Fire/Explosion Hazard:**  
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT/FIRE. VAPORS MAY IGNITE EXPLOSIVELY AT AMBIENT/FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPS.(SUPP)

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
176-291F

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
TINTING WHITE COMPONENT A 6

**Percent Volatiles by Volume:**  
53.05

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**

**Stability Condition To Avoid:**

**Materials To Avoid:**

**Hazardous Decomposition Products:**

**Hazardous Polymerization Indicator:**

**Conditions To Avoid Polymerization:**

## 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