

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-128/128-49-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
128-49-4  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
CALCIUM OCTYL SULFOSUCCINATE

**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:**  
USE NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORDANCE WITH 29 CFR 1910.134, USE EITHER AN ATMOSPHERE SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

**Ventilation:**  
5 USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

**Protective Gloves:**  
CHEMICAL-RESISTANT GLOVES

**Eye Protection:**  
CHEMICAL GOGGLES.

**Other Protective Equipment:**  
Equipment SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

**Work Hygienic Practices:**  
WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES.

**Supplemental Safety and Health:**  
MINIMIZE SKIN CONTACT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES THAT CANNOT BE DECONTAMINATED. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 ORAL RAT IS 15GM/KG

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
PRODUCT IS SEVERELY IRRITATING TO EYES AND SLIGHTLY IRRITATING TO THE SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN DEFAT AND DRY SKIN, RESULTING IN DERMATITIS. INHALATION OF VAPORS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATION OF SMALL AMOUNTS MAY CAUSE PNEUMONITIS.

**Explanation Of Carcinogenicity:**  
NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

**Signs And Symptoms Of Overexposure:**  
MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. HIGH VAPOR CONCENTRATIONS MAY PRODUCE CNS DEPRESSION, EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA. INGESTION MAY RESULT IN VOMITING. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS. IN SEVERE CASES DEATH MAY OCCUR.

**Medical Cond Aggravated By Exposure:**  
PREEXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, LIFTING EYELIDS. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. GET MEDICAL ATTENTION.

**Spill Release Procedures:**  
ELIMINATE IGNITION SOURCES. GROUND EQUIPMENT. EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT INCLUDING SCBA. SHUT OFF SOURCE OF LEAK IF SAFE. DIKE AND CONTAIN. REMOVE WITH VACUUM OR PUMP. SOAK UP RESIDUE WITH AN INERT ABSORBENT. FLUSH AREA WITH WATER.

**Neutralizing Agent:**  
NOT APPLICABLE.

**Waste Disposal Methods:**  
4 DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. NOTE: THIS MATERIAL CONTAINS CHROMIUM AND XYLENE. AS A WASTE MATERIAL, IT WOULD HAVE AN EPA HAZARDOUS WASTE NUMBER D0 01, IGNITIBLE HAZARDOUS WASTE.

**Handling And Storage Precautions:**  
STORE-STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM OPEN FLAMES & HIGH TEMPERATURES. "EMPTY" CONTAINERS MAY CONTAIN EXPLOSIVE RESIDUE & VAPORS.

**Other Precautions:**  
KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS AND FLAME. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
77F/25C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
1.0

**Upper Limits:**  
6

**Extinguishing Media:**  
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE DIRECT STREAM OF WATER.

**Fire Fighting Procedures:**  
WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

## Physical/Chemical Properties

**HCC:**  
F3

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

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**  
=-49.C, -56.2F

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

**Decomp Temp:**

**Decomp Text:**  
N/P

**Vapor Pres:**  
6.0

**Vapor Density:**  
3.7

**Volatile Org Content %:**

**Spec Gravity:**  
0.91

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
40 MM2/SCC 6

**Evaporation Rate & Reference:**  
UNKNOWN

**Solubility in Water:**  
NEGLECTIBLE

**Appearance and Odor:**  
DARK BROWN LIQUID WITH AN ODOR OF XYLENE.

**Percent Volatiles by Volume:**  
50

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID HEAT, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
AIRBORNE SOLIDS, LIQUIDS, PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL BURNS. CARBON MONOXIDE MAY BE FORMED.

**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