

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-194/19408-84-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
19408-84-5

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
NORDIHYDROCAPSAICIN Environmental Wt: Other REC

**Other REC Limits:**  
N/P

**OSHA PEL:**  
2 N/P

**Code:**

**OSHA STEL:**  
N/P

**Code:**

**ACGIH TLV:**  
N/P

**Code:**

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. 6

**Ventilation:**  
YES

**Protective Gloves:**  
SUGGESTED (NOT REQUIRED)

**Eye Protection:**  
YES. EXPOSURE WITHOUT PROTECTION IN TRAINING ENVIRONMENT IS ACCEPTABLE

**Other Protective Equipment:**  
Equipment NOT REQUIRED

**Work Hygienic Practices:**  
NORMAL

**Supplemental Safety and Health:**  
SABRE USES DYMEL 134A/P, A PHARMACEUTICAL GRADE PROLLENAT. 134A/P IS NON-FLAMMABLE. IN ADDITION, 134A/P IS NOT A VOC (VOLATILE ORGANIC COMPOUND), HAS AN OZONE DEPLETION POTENTIAL (ODP) OF 0 AND ITS GL OBAL WARMING POTENTIAL IS NEGLIGIBLE.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INGREDIENTS CAUSE IRRITATION THROUGH ALL ROUTES OF ENTRY REPEATED CONTACT MAY CAUSE DERMATITIS. INGESTION MAY CAUSE NAUSEA, VOMITING, AND/OR DIARRHEA.

**Explanation Of Carcinogenicity:**  
NO DATA PROVIDED BY MANUFACTURER

**Signs And Symptions Of Overexposure:**  
INGREDIENTS CAUSE IRRITATION THROUGH ALL ROUTES OF ENTRY. REPEATED CONTACT MAY CAUSE DERMATITIS. INGESTION MAY CAUSE NAUSEA, VOMITING, AND/OR DIARRHEA.

**Medical Cond Aggravated By Exposure:**  
MAY CAUSE MORE SEVERE, TEMPORARY, EFFECTS ON THOSE PERSONS WHO ARE ASTHMATICS OR SUFFER FROM EMPHYSEMA.

**First Aid:**  
REMOVE VICTIM FROM CONTAMINATED AREA AND REMOVE CONTAMINATED CLOTHING. PROVIDE FRESH AIR, IRRIGATE WITH COPIOUS AMOUNTS OF COOL WATER. OBTAIN MEDICAL ADVICE IS SYMPTOMS PERSIST. INHALATION:PROVIDE FRE SH AIR. EYES:REMOVE CONTACT LENSES IF IN PLACE WHEN EXPOSED. IRRIGATE WITH COOL WATER AT LEAST 15 MINUTES, OR UNTIL RELIEVED. SKIN: FLUSH WITH COOL WATER. WASH WITH MILD SOAP AND WATER. INGESTION:RINS E MOUTH WITH WATER. INGEST MILK OR WATER. OBTAIN MEDICAL ADVICE IMMEDIATELY.

**Spill Release Procedures:**  
WIPE UP SMALL SPILLS WITH ABSORBENT MATERIAL. WITH LARGE SPILLS, USE RESPIRATORY EQUIPMENT, TO AVOID IRRITATION, AND COLLECT ABSORBENT MATERIALS. IF INSIDE:VENTILATE AREA AND AFTER ABSORBENT PROCESS, WASH AREA WITH SOAP AND COLD WATER. IF OUTSIDE: STAY UPWIND 5

**Neutralizing Agent:**  
NO DATA PROVIDED BY MANUFACTURER.

**Waste Disposal Methods:**  
CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS. EVACUATE CONTENTS IN A SAFE AREA, AND DISPOSE OF CONTAINER.

**Handling And Storage Precautions:**  
STORE IN A COOL, DRY AREA. AVOID DIRECT LIGHT AND HEAT. DO NOT EXPOSE TO TEMPERATURES OVER 120 DEGREES F. DO NOT PUNCTURE OR INCINERATE CONTAINER.

**Other Precautions:**  
N/A

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**  
=204.4C, 400.F

**Flash Point Text:**

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/P

**Upper Limits:**  
N/P

**Extinguishing Media:**  
HALON, CARBON DIOXIDE, DRY CHEMICAL OR WATER

**Fire Fighting Procedures:**  
WEAR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**  
SMOKE WOULD BE IRRITATING TO EYES AND MUCOUS MEMBRANES.

## Physical/Chemical Properties

**HCC:**  
V2

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

**Net Prop WT For Ammo:**

**Boiling Point:**  
=187.8C, 370.F

**B.P. Text:**

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/P

**Vapor Pres:**  
80 PSI

**Vapor Density:**  
N/P

**Volatile Org Content %:**

**Spec Gravity:**  
(H2O=1) 1.2

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P 7

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
RED/ORANGE IN COLOR. ODOR IS PUNGENT

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/P

**Materials To Avoid:**  
N/A

**Hazardous Decomposition Products:**  
N/A

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT OCCUR

## 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