

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-804/8046-19-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

8046-19-3

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

STORAX

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

5 NIOSH APPROVED RESPIRATOR OR LABORATORY FUME HOOD

**Ventilation:**

LABORATORY FUME HOOD OR LOCAL EXHAUST VENTILATION

**Protective Gloves:**

IMPERVIOUS GLOVES

**Eye Protection:**

CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**

Equipment IMPERVIOUS BODY COVERING TO PREVENT SKIN CONTACT.

**Work Hygienic Practices:**

WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

**Supplemental Safety and Health:**

NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

**LD50/LC50/Mixture:**

NOT GIVEN FOR PRODUCT AS A WHOLE

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHALATION OR INGESTION OF LARGE VOLUMES MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT, DROWSINESS, NAUSEA, MUSCLE INCOORDINATION, VISUAL IMPAIRMENT, SLOWED REACTION TIME, SENSORY LOSS, SLURRING OF SPEECH, STUPOR, OR POSSIBLE COMA AND DEATH. EYE AND SKIN IRRITATION.

**Explanation Of Carcinogenicity:**

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

**Signs And Symptoms Of Overexposure:**

RESPIRATORY TRACT IRRITATION, DROWSINESS, NAUSEA, MUSCLE INCOORDINATION, VISUAL IMPAIRMENT, SLOWED REACTION TIME, SENSORY LOSS, SLURRING OF SPEECH, STUPOR, SKIN IRRITATION, EYE IRRITATION.

**Medical Cond Aggravated By Exposure:**

MAY AGGRAVATE PRE-EXISTING HYPERSENSITIVITY TO BENZOIN, TOLU OR STORAX. INGESTION OF LARGE VOLUMES MAY AGGRAVATE CIRRHOSIS OF THE LIVER, HYPERSENSITIVITY TO ALCOHOL, GASTROINTESTINAL ABNORMALITIES.

**First Aid:**

INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER.

**Spill Release Procedures:**

4 PREVENT FURTHER MIGRATION TO THE ENVIRONMENT. USE ABSORBENT/ADSORBENT MATERIAL TO SOLIDIFY LIQUIDS.

SOLIDIFICATION MAY NOT SUPPRESS VAPORS. VACUUMING LIQUIDS WHICH ARE FLAMMABLE CAN CREATE AN EXPLOSION HAZARD AND SHOULD BE AVOIDED.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AWAY FROM POSSIBLE SOURCES OF IGNITION.

**Other Precautions:**

NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**

CC

**Flash Point:**

**Flash Point Text:**

55.0F,12.8C

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

3.3% ETHANOL

**Upper Limits:**

19% ETHANOL

**Extinguishing Media:**

WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM, HALON

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

**Unusual Fire/Explosion Hazard:**

FLAMMABLE. FLASH POINT BELOW 100F.

## Physical/Chemical Properties

**FCC:**

F2

**NRC/State Lic No:**

N/P

**Net Wt For Ammo:**

**Boiling Point:**

-79.3C, 173.F

**B.P. Text:**

**Mel/Freeze Pt:**

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

N/P

**Decomp Temp:**

**Decomp Text:**

N/P

**Vapor Pres:**

NOT GIVEN

**Vapor Density:**

1.5

**Volatile Org Content %:**

0.87-0.885%

**Spec Gravity:**

0.87-0.885

**VOC Pounds/Gallon:**

6

**PH:**

N/K

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

3.6 (NO REFERENCE GIVEN)

**Solubility in Water:**

PRACTICALLY INSOLUBLE

**Appearance and Odor:**

CLEAR, DARK REDDISH-BROWN, HYDROALCHOLIC SOLUTION, ALCOHOLIC ODOR

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

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## Reactivity Data

**Stability Indicator:**

YES

**Stability Temperatures To Avoid:**

EXTREME TEMPERATURES

**Materials To Avoid:**

STRONG OXIDIZING AGENTS, PEROXIDES, PERMANGANATES, NITRIC ACID

**Toxic Fumes/Decomposition Products:**

TOXIC FUMES

**Hazardous Polymerization Indicator:**

NO