

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-659/65997-06-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

65997-06-0

**Code:**

M

**RTECS:****Code:**

X

**Name:**

ROSIN; (HYDROGENATED ROSIN)

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K (FP N)

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

N/K (FP N)

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF EXPOSURES ABOVE THE RECOMMENDED EXPOSURE LEVEL ARE POSSIBLE. NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR.

**Ventilation:**

USE LOCAL EXHAUST VENTILATION TO MAINTAIN LEVELS TO BELOW THE RECOMMENDED EXPOSURE LEVEL.

**Protective Gloves:**

IMPERMEABLE GLOVES.

**Eye Protection:**

ANSI APPROVED CHEM WORKERS GOGGS (FP N).

**Other Protective Equipment:**

Equipment PROT CLTHG TYPE:IMPERVIOUS BOOTS, APRON, PROT SUIT.

**Work Hygienic Practices:**

NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**

EFTS OF OVEREXP:GASTROENTERITIS W/ANY/ALL OF FOLLOWING SYMPS:NAUS, LT HEAD, DIARR & VOMIT. ASPIR ING 2 INTO LUNGS SHOULD BE AVOIDED. ASPIR MAY CAUSE PULM (LUNG) EDEMA, CONGESTION, PNEUM & MAY BE FATAL. CHRONIC:INHAL:RPTD EXPOS IS NOT KNOWN/RPTD TO CAUSE SIGNIFICANT EFTS OTHER THAN THOSE OF ACUTE EXPOS. (ING 4) 7

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50(ORAL,RAT):>5 G/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

WARNING:DO NOT TAKE INTERNALLY. ASPIR HAZ. IF ASPIR CAN CAUSE CHEM PNEUM. SKIN, EYE & MUC MEMB IRRIT. OVEREXP TO VAPS MAY CAUSE CNS DEPRESS. RPTD CONT MAY DEFAT SKIN & CAUSE DERM. ACUTE:INHAL:VAPS MAY BE IRRIT TO NOSE, THROAT, MUC MEMBS & UPPER RESP TRACT. AT HIGH CONCS, MAY CAUSE CNS DEPRESS W/SYMPs (EFTS OF OVEREXP)

**Explanation Of Carcinogenicity:**

NOT RELEVANT

**Signs And Symptoms Of Overexposure:**

HLTH HAZS:INCLUDING HDCH, GIDD, DIZZ & NAUS. SKIN:CONT MAY CAUSE SLIGHT TO MOD IRRIT W/REDNESS & DRYING OF CONTACTED AREA. EYES:CONT/EXPOS TO HIGH VAP CONCS MAY CAUSE SLIGHT REVERSIBLE IRRIT W/SYMPs OF TEARING & ITCHING. DIRECT CONT W/LIQ WOULD BE EXPECTED TO CAUSE SIMILAR SYMPs. INGEST:MAY CAUSE (SUPP DATA)

**Medical Cond Aggravated By Exposure:**

PSORIASIS AND OTHER SKIN DISORDERS, PRE-EXISTING EYE AND RESPIRATORY DISORDERS.

**First Aid:**

EYES:IMMED FLUSH W/LG AMTS OF WATER FOR @ LST 15 MIN, OCCAS LIFTING UPPER & LOWER EYELIDS. IF IRRIT DEVELOPS, CALL MD. SKIN:IMMED FLUSH W/WATER FOR 15 MIN. WASH CONTAM AREA W/SOAP & WATER. IF IRRIT DE VELOPS, CALL MD. IF CLTHG COMES IN CONTW/PROD, LAUNDER BEFORE RE-USE. INGEST:IMMED DRINK LG QTYS OF WATER. DO NOT INDUCE VOMIT. CALL MD AT ONCE. DO NOT GIVE ANYTHING BY MOUTH IF PERSON IS (ING 15)

**Spill Release Procedures:**

CONTACT:OCEAN AT TELEPHONE # THAT APPEARS ON FIRST PAGE OF MSDS.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

CARE MUST BE TAKEN TO PVNT ENVIRON CONTAM FROM USE OF MATL. USER HAS RESPONSIBILITY TO DISPOSE OF UNUSED MATL, RESIDUES & CNTNRs IN COMPLIANCE W/ALL RELEVANT LOC, STATE & FED LAWS & REGS REGARDING TRE ATMENT, STOR & DISP FOR HAZ & NONHAZ WASTE.

**Handling And Storage Precautions:**

STORE IN A COOL, DRY, WELL VENTILATED PLACE. DO NOT STORE AT TEMPERATURES ABOVE:30C (102F). 6

**Other Precautions:**

DO NOT TAKE INTERNALLY. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. UPON CONTACT WITH SKIN OR EYES, WASH OFF WITH WATER.

## Fire and Explosion Hazard Information

**Flash Point Method:**

TCC

**Flash Point:****Flash Point Text:**

120F,49C

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

0.7%

**Upper Limits:**

7.0%

**Extinguishing Media:**

REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.

**Fire Fighting Procedures:**

WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**

NONE SPECIFIED BY MANUFACTURER.

## Physical/Chemical Properties

**HCC:****NRC/State ITC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

>335F,>168C

**Melt/Freeze Pt:****M.P./F.P. Text:**

N/K

**Decomp Temp:****Decomp Text:**

N/K

**Vapor Pres:**

5-10 @ 25C

**Vapor Density:**

5.0-5.3

**Volatile Org Content %:****Spec Gravity:**

0.74-0.76

**VOC Pounds/Gallon:****PH:**

N/A

**VOC Grams/Liter:****Viscosity:**

N/P

**Evaporation Rate & Reference:**

0.1 (BUTYL ACETATE=1)

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

BLACK LIQUID WITH A FAINT HYDROCARBON ODOR.

**Percent Volatiles by Volume:**

95-98

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

STATIC DISCHARGE MAY CAUSE IGNITION AT TEMPS AT/FL PT. SPKS, OPEN FLAMES, SOURCES OF IGNITION.

**Materials To Avoid:**

STRONG OXIDIZERS. PACKAGING:PLASTIC CNTNRs CONTAINING HYDROCARBON-LEACHABLE ADDITIVES & PLASTICIZERS.

**Hazardous Decomposition Products:**

CARBON MONOXIDE, CARBON DIOXIDE.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT RELEVANT

## 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

**Other Information:**