

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-800/8001-20-5.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

8001-20-5

### Code:

M

### RTECS:

### Code:

X

### Name:

CHINAWOOD OIL (VP <0.001 MM HG @ 68 F)

### Other REC Limits:

NONE SPECIFIED

### OSHA PEL:

N/E

### Code:

M

### OSHA STEL:

### Code:

M

### ACGIH TLV:

N/E

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

RESPIRATORY PROTECTION ADVISED WHEN CONC EXCEED ESTABLISHED EXPOSURE LIMITS. DEPENDING ON THE AIRBORNE CONCENTRATION, USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS (NIOSH APP ROVED IF AVAIL) OR SUPPLIED AIR EQUIP.

### Ventilation:

USE ADEQUATE VENT TO MAINTAIN EXPOS LIMITS. WHERE EXPLOS MIXES MAY BE PRESENT, USE SYSTEMS SAFE FOR SUCH LOCATIONS.

### Protective Gloves:

PLASTIC OR HYDROCARB INSOLUBLE GLOVES.

### Eye Protection:

4 CHEMICAL GOGGLES OR FACE SHIELD.

### Other Protective Equipment:

Equipment EYE WASH FOUNTAIN. NEOPRENE APRON.

### Work Hygienic Practices:

USE GOOD PERSONAL HYGIENE.

### Supplemental Safety and Health:

OXYGEN. INGESTION: SEEK EMERG MEDICAL AID. SLIGHTLY TOXIC BY INGESTION & AN ASPIRATION HAZARD. IF DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE W/HEAD DOWN. DO NOT GIVE ANYTHING BY MOUTH. IF VICTIM IS CON SCIOUS & ALERT, INDUCE VOMIT W/PECAC SYRUP OR BY STICKING TWO FINGERS DOWN THROAT. DO NOT LEAVE VICTIM UNATTENDED.

## Health Hazards Data

### LD50/LC50 Mixture:

N/K

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

YES

### IARC:

YES

### OSHA:

N/P

### Health Hazards Acute And Chronic:

EYE: IRRITANT. SKIN: MAY CAUSE IRRITATION OR RASH. MAY BE ABSORBED THROUGH SKIN. INHALE: NOSE & THROAT IRRITATION & SIGNS OF NERVOUS DEPRESSION. MAY CAUSE LIVER & KIDNEY DAMAGE. INGESTION: IRRITATION OF THE DIGESTIVE TRACT & SIGNS OF NERVOUS DEPRESSION. MATERIAL CAN ENTER LUNG & CAUSE LUNG INFLAMMATION & DAMAGE.

### Explanation Of Carcinogenicity:

TRACES OF FORMALDEHYDE HAVE BEEN IDENTIFIED BY IARC (GROUP 2B) & NTP AS A PROBABLE CARCINOGEN

### Signs And Symptoms Of Overexposure:

EYE: MAY CAUSE BURNING, TEARING, REDNESS & SWELLING. SKIN: REDNESS, BURNING & DRYING & CRACKING OF THE SKIN AND DERMATITIS. INHALATION: DROWSINESS, DIZZINESS, LOSS OF COORDINATION & FATIGUE. INGESTION : DROWSINESS, DIZZINESS, LOSS OF COORDINATION & FATIGUE.

### Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL. RESPIRATORY SYSTEMS ASSOCIATED W/PRE-EXISTING LUNG DISORDERS MAY BE AGGRAVATED W/EXPOSURE.

### First Aid:

EYE: REMOVE TO FRESH AIR. IF IRRITATION OR REDNESS PERSISTS, SEEK MEDICAL ATTENTION. FLUSH W/CLEAN WATER-15 MIN. SKIN: REMOVE CONTAMINATED CLOTHING. CLEANSE AFFECTED AREA THOROUGHLY BY WASHING W/MILD SOAP & WATER. IF IRRITATION OR REDNESS DEVELOPS, SEEK MEDICAL AID. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL AID. IF NOT BREATHING, GIVE CPR. IF DIFFICULTY BREATHING, GIVE 3

### Spill Release Procedures:

STAY UPWIND & AWAY FROM SPILL. KEEP IGNITE SOURCES & HOT METAL SURFACES FROM SPILL. IF SPILL IS INDOORS, VENT AREA. USE FOAM TO SUPPRESS VAPORS. KEEP FROM DRAINS, SEWERS, WATERWAYS. USE INERT MAT'L TO DAM & CONTAIN SPILL. DO NOT FLUSH AREA/WATER.

### Neutralizing Agent:

USE ABSORBENT PADS. NOTIFY APPROPRIATE AGENCIES.

### Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL AGENCIES.

### Handling And Storage Precautions:

KEEP CONTAINERS TIGHTLY CLOSED, COOL, DRY & AWAY FROM IGNITE SOURCES. USE/STORE W/ADEQUATE VENT. AVOID INHALATION OF VAPORS & PERSONAL CONTACT W/PROD.

### Other Precautions:

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND. MAY EXPLODE. COMPLETELY DRAIN, PROPERLY BUNG & PROMPTLY SHIP EMPTY DRUMS TO DRUM RECONDITIONER. DISPOSE ALL CONTAINERS PER GOVERNMENT REGS. REFER TO OSHA REGS BEFORE USING CNTNRS.

## Fire and Explosion Hazard Information

### Flash Point Method:

TCC

### Flash Point:

### Flash Point Text:

54.0F, 12.2C

### Autoignition Temp:

### Autoignition Temp Text:

N/K

### Lower Limits:

0.9

### Upper Limits:

11.2

### Extinguishing Media:

CO2, FOAM, DRY CHEMICAL. SMALL FIRES: DRY CHEM, CO2 OR FOAM. LARGE FIRES: DRY CHEM OR FOAM. WATER MAY BE INEFFECTIVE.

### Fire Fighting Procedures:

SCBA RECOMMENDED FOR FIRE FIGHTERS. USE WATER SPRAY TO MINIMIZE VAPORS & COOL CONTAINERS BUT USE CAUTION TO PREVENT SPREADING OF BURNING LIQ BY COOLING WATER.

### Unusual Fire/Explosion Hazard:

THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

## Physical/Chemical Properties

### H2:

### F2:

### NRC/State LIC No:

N/K

### Net Prop WT For Ammo:

### TCC:

### Boiling Point:

### B.P. Text:

240 TO 300F

### Melt/Freeze Pt:

### M.K./F.P. Text:

N/K

### Decomp Temp:

### Decomp Text:

N/K

### Vapor Pres:

N/K

### Vapor Density:

3.2

### Volatile Org Content %:

### Spec Gravity:

0.97

### VOC Pounds/Gallon:

### TCC:

### Viscosity:

N/K

### Evaporation Rate & Reference:

0.24

### Solubility in Water:

NEGIGIBLE

### Appearance and Odor:

DARK AMBER LIQUID, AROMATIC ODOR.

### Percent Volatiles by Volume:

37-47

### Corrosion Rate:

N/K

### Conditions To Avoid Polymerization:

N/A

## 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

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