

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9000-01-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9000-01-5
Code:
M

RTECS:
CE5945000
Code:
M

Name:
GUM ARABIC

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:
PROVIDE ADEQUATE VENTILATION. 3

Protective Gloves:
DISPOSABLE LATEX

Eye Protection:
LAB GRADE GOGGLES

Other Protective Equipment:
Equipment LAB COAT. EYE WASH STATION &SAFETY SHOWER.

Work Hygienic Practices:
WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:
KEY1=C3 (BEST GUESS BY DLA-HMIS). MSDS WRITTEN BY DLA-HMIS STAFF FROM CCINFO-CHEMINFO AND LETTER FROM HACH- NO MSDS IS AVAILABLE AS THIS PRODUCT WAS OBSOLETE AND NOT PRODUCED SINCE 1972.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: EXPOSURE MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. CONTACT MAY INJURE EYES, CORROSIVE. CHRONIC: UNKNOWN

Explanation Of Carcinogenicity:
NO INGREDIENTS OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure:
EYES: BURNS, TEARING, PAIN, BLURRED VISION, REDNESS. INHALED: COUGHING, WHEEZING, SNEEZING. SKIN: REDNESS, DISCOMFORT. INGESTED: NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure:
UNKNOWN 2

First Aid:
EYE/SKIN CONTACT-IMMEDIATELY FLUSH EYES AND SKIN WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. REMOVE CONTAMINATED CLOTHES. INGESTED-IF CONSCIOUS, GIVE 1-2 GLASSES OF WATER. DO NOT INDUCE VOMITING! CALL PHYSICIAN IMMEDIATELY. INHALED: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

Spill Release Procedures:
COVER SPILL WITH SODIUM BICARBONATE OR SIMILAR BASE. SCOOP SLURRY TO BEAKER. ADD WATER AND NEUTRALIZE TO PH BETWEEN 6 & 9.

Neutralizing Agent:
SODIUM BICARBONATE

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. SARA: THIS PRODUCT CONTAINS A CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZ ATION ACT OF 1986 AND 40 CFR PART 372.

Handling And Storage Precautions:
STORE TIGHTLY CLOSED IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATH MIST OR VAPOR. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
UNKNOWN

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
FOAM, WATER SPRAY, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:
FIREFIGHTER SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
INSUFFICIENT INFORMATION.

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/K (N-BUTYL ACETATE=1)

Solubility in Water:
UNKNOWN

Appearance and Odor:
UNKNOWN

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID EXPSOURE TO STRONG OXIDIZING AGENTS, STRONG ALKALIS, AND METAL NITRATES.

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG ALKALIS, METAL NITRATES.

Hazardous Decomposition Products:
CARBON MONOXIDE AND CARBON DIOXIDE, TOXIC FUMES AND SMOKE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE SPECIFIED BY MANUFACTURER. 4

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