

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

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; 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

LD50/LC50/Mixture:

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 REAUTHORIZATION 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 IIC No:

N/R

Net Prop WT For Ammo:

UNKNOWN

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 %:

UNKNOWN

Spec Gravity:

UNKNOWN

VOC Pounds/Gallon:

UNKNOWN

PH:

N/K

VOC Grams/Liter:

UNKNOWN

Viscosity:

N/R

N/R:

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

Avoid Exposure To Strong:

OXIDIZING AGENTS, STRONG ALKALIS, METAL NITRATES.

Materials To Avoid:

STRONG OXIDIZING AGENTS, STRONG ALKALIS, METAL NITRATES.

Hazardous Decomposition Products:

TOXIC FUMES AND SMOKE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

CONDENSATION, HEAT, RADIATION, LIGHT.

Toxicological Information

Information: N/P

Information: N/P

Regulatory Information

Sara Title II Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information: N/P

Information: N/P