## MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click <a href="http://www.lookchem.com/cas-97/97-30-3.html">http://www.lookchem.com/cas-97/97-30-3.html</a> for suppliers of this product.

Cas: 97-30-3 Code:

RTECS: Code:

Code:

Code:

Code: Μ

NΡ Code:

**OSHA STEL:** 

**ACGIH TLV:** 

**ACGIHSTEL:** 

**Ventilation:** 

VAPOR/SPRAY.

**Protective Gloves:** 

**Eye Protection:** 

**NP** 

Skin: YES

YES

**IARC:** NO

OSHA: NO

NOT ESTABLISHED.

OPEN CUTS AND SORES.

**Spill Release Procedures:** 

**Waste Disposal Methods:** 

**Neutralizing Agent:** 

Other Precautions:

**Flash Point Method:** 

TOC

NONE

Flash Point:

Flash Point Text:

**Autoignition Temp:** 

**Lower Limits:** 

**Upper Limits:** 

BOILING POINT.

NRC/State LIC No:

**Boiling Point:** 

Melt/Freeze Pt:

M.P/F.P Text:

**Decomp Temp:** 

**Decomp Text:** 

**Vapor Pres:** 

Vapor Density:

**Spec Gravity:** 

**VOC Pounds/Gallon:** 

**VOC Grams/Liter:** 

**Evaporation Rate & Reference:** 

CLEAR AMBER THIN LIQUID, CHARACTERISTIC MILD ODOR

>1.0, BUTYL ACETATE=1

Appearance and Odor:

**Percent Volatiles by Volume:** 

Reactivity Data

**Stability Condition To Avoid:** PROTECT FROM FREEZING.

STRONG AGENTS: ACIDS, CATIONICS

**Hazardous Decomposition Products:** 

**Hazardous Polymerization Indicator:** 

**Conditions To Avoid Polymerization:** 

**Toxicological Information** 

Regulatory Information

**Sara Title III Information:** N/P

Federal Regulatory Information: N/P

**State Regulatory Information:** N/P

Other Information

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

IF BURNED NORMAL COMBUSTION PRODUCTS: CARBON DIOXIDE AND CARBON MONOXIDE, NITROUS OXIDES.

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

terms and conditions of sale.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

Solubility in Water:

**Corrosion Rate:** 

**Stability Indicator:** 

**Materials To Avoid:** 

1.0624

PH: NP

Viscosity:

**COMPLETE** 

NP

NO

NONE

Information:N/P

Information:N/P

**Volatile Org Content %:** 

NΡ

0.62

**B.P. Text:** 212F,100C

**Net Prop WT For Ammo:** 

HCC: T6

N/R

**Extinguishing Media:** 

**Fire Fighting Procedures:** 

**Unusual Fire/Explosion Hazard:** 

Physical/Chemical Properties

**Autoignition Temp Text:** 

First Aid:

Ingestion:

NOT ESTABLISHED

**Control Measures** 

NORMAL ROOM VENTILATION.

IMPERVIOUS RUBB, DETERGENT RESISTANT

SPLASH PROOF CHEM GOGGLES 3

**Other Protective Equipment:** 

**Supplemental Safety and Health:** 

Health Hazards Data

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:** 

**Carcinogenicity Inds - NTP:** 

**Health Hazards Acute And Chronic:** 

**Signs And Symptions Of Overexposure:** 

**Medical Cond Aggravated By Exposure:** 

SUITABLE CONTAINERS FOR DISPOSAL.

NONE SPECIFIED BY MANUFACTURER.

**Handling And Storage Precautions:** 

ORIGINAL CLOSED CONTAINER.

IRRITATION TO EYES; PROLONGED CONTACT MAY CAUSE IRRITATION TO SKIN.

PERSON.DO TNO INDUCE VOMIT.GIVE MILK OR WATER TO DILUTE MATERIAL. 2

DONT GET IN EYE/SKIN/CLOTHING.REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

WATER SPRAY OR FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM, IF PRODUCT IS INVOLVED.

AVOID EXPOSURE TO FUMES OR VAPORS.WEAR SELF-CONTAINED POSITIVE PRESSURIZED BREATHING APPARATUS.

USE WATER SPRAY TO COOL ADJACENT FIRE-EXPO CNTNRS. PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS

Fire and Explosion Hazard Information

EYE:FLUSH W/FLOWING WTER FOR 15MINS & SEE PHYSICIAN.SKIN:WASH W/SOAP/WATER.SEE PHYSICIAN IF IRRIT

PERSISTS.INGEST: CALL PHYSICIAN OR POISON CONTROL CENTER IMMED.NEVER GIVE ANYTHING BY MOUTH TO UNCONSCI OUS

DISPOSE OF IAW APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.BURN IN APPROVED INCINERATOR.SELL FOR SALVAGE.

CAUTION: KEEP OUT OF REACH OF CHIDLREN.DONT CONTAMINATE WATER/FOOD/FEED.AVOID ALL CONTACT.STORE UPRIGHT IN

MOP UP & FLUSH TO SEWER W/PLENTY OF WATER.FOORS MAY BE SLIPPERY.USE CARE TO AVOID FALLS.DIKE LARGE SPILLS & PUMP TO

**Explanation Of Carcinogenicity:** PER MSDS:NOT ESTABLISHED.

**Work Hygienic Practices:** 

LD50LC50Mixture:

**Respiratory Protection:** 

Μ

Composition/Information on Ingredient

Χ

Name: PROPRIETARY BLEND **Other REC Limits:** NONE RECOMMENDED **OSHA PEL:** NOT ESTABLISHED

LOC EXHAUST:PREFERRED. MECHANICAL(GEN):ACCEPTABLE. SPECIAL:NA. OTHER:AVOID BREATHING OF

Equipment IMPERVIOUS RUBBER BOOTS/APRON.EYEWASH FACILITIES.SAFETY SHOWER.

PRACTICE GOOD PERSONAL HYGIENE.WASH AFTER HNDLG.SHOWER @END OF WORK PERIOD.