

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-118/1189-85-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1189-85-1

Code:

M

RTECS:

GB2900000

Code:

M

Name:

TERT-BUTYL CHROMATE

Other REC Limits:

N/K

OSHA PEL:

S, C 0.1MG/M3

Code:

M

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

S, C 0.1MG/M3; 9192

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

ORGANIC VAPOR RESPIRATOR W/PARTICULATE FILTER APPROVED BY NIOSH.

Ventilation:

LOCAL EXHAUST: PREFERRED-PAINT SPRAY BOOTH, 150 FPM FACE VELOCITY. MECHANICAL ACCEPTABLE FOR SMALL VOLUME APPLICATIONS.

Protective Gloves:

BUTYL RUBBER OR EQUIVALENT

Eye Protection:

SPECTACLES W/SIDE SHIELDS

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

N/K

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION: DIZZINESS, GIDDINESS, NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION, KIDNEY, LIVER, & OTHER SYSTEMIC DAMAGE, AFFECT HIGHER BRAIN FUNCTIONS, MENTAL CAPACITY, LUNG CANCER, PERFORATION OF THE NASAL SEPTA. SKIN: REDNESS OR SWELLING.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

INHALATION: DIZZINESS, GIDDINESS, NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION, KIDNEY, LIVER, & OTHER SYSTEMIC DAMAGE, AFFECT HIGH BRAIN FUNCTIONS, MENTAL CAPACITY, LUNG CANCER, PERFORATION OF THE NASAL SEPTA. SKIN: REDNESS OR SWELLING.

Medical Cond Aggravated By Exposure:

SKIN, LUNG, KIDNEY & LIVER CONDITIONS

First Aid:

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, RESTORE BREATHING. INGESTION: DON'T INDUCE VOMITING. EYE: FLUSH W/LARGE QUANTITIES OF WATER FOR 15 MINS. SKIN: REMOVE EXCESS MATERIAL W/PAPER TOWELS OR RAGS. WASH W/MILD SOAP & WARM WATER.OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

ELIMINATE ALL HEAT SOURCES, OPEN FLAMES & OTHER SOURCES OF IGNITION. ABSORB W/SOLID ABSORBENT. SHOVEL INTO CONTAINERS. IF LARGE QUANTITIES ARE SPILLED, PERSONAL PROTECTIVE EQUIPMENT MAY BE REQUIRED.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

HANDLE CAREFULLY IN ACCORDANCE W/HAZARDOUS PROPERTIES OF FLAMMABLE LIQUIDS AS SUGGESTED BY THE NATIONAL FIRE PROTECTION ASSOCIATION.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

108F

Autoignition Temp:

N/A 4

Lower Limits:

1%

Upper Limits:

7%

Extinguishing Media:

CO2 OR DRY CHEMICAL

Fire Fighting Procedures:

WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE. DON'T ENTER THE FIRE AREA W/O PROPER PROTECTIVE EQUIPMENT/SCBA.

Unusual Fire/Explosion Hazard:

AVOID SOURCE OF IGNITION, FLAME, STATIC ELECTRICITY, HEAT, ELECTRICAL SPARK.

Physical/Chemical Properties

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

388F

Melt/Freeze Pt:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

2.15

Vapor Density:

3.8-4.9

Volatile Org Content %:

0.74-0.89

VOC Pounds/Gallon:

N/K

pH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/P 5

Evaporation Rate & Reference:

(ETHER = 1): 9-70

Solubility in Water:

INSOLUBLE

Appearing and Odor:

WATER WHITE & CHARACTERISTIC PETROLEUM ODOR.

Percent Volatile Vap:

25-35%

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K

Reactivity Data**Stability Indicator:**

YES

Stability Condition To Avoid:

SOURCE OF IGNITION, FLAME, STATIC ELECTRICITY, EXCESSIVE HEAT, ELECTRICAL SPARK.

Materials To Avoid:

N/K

Hazardous Decomposition Products:

CO, NITRIC OXIDE, LEAD, CHROMIUM FUME.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

N/P

MSDS Transport Information**Information:**

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

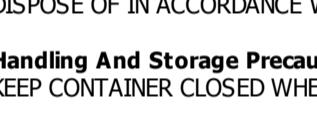
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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