

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-425/42504-46-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

42504-46-1

Code:

M

RTECS:

Code:

X

Name:

ISOPROPANOL (CERCLA) VP = 33 @ 20C

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

400 PPM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

400 PPM

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IN OPEN AREAS, APPROVED MECHANICAL FILTER RESPIRATOR WHEN SPRAYING. RESTRICTED AREAS, APPROVED CHEM/MECHANICAL FILTERS, CONFINED AREAS, AIRLINE-TYPE RESPIRATORS/HOODS. PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR DURING/AFTER APPLICATION. 8

Ventilation:

APPROVED SPRAY BOOTH. GENERAL DILUTION OR LOCAL EXHAUST VENT IN VOLUME OR PATTERN.

Protective Gloves:

REQUIRED

Eye Protection:

SPLASH PROOF GOGGLES.

Other Protective Equipment:

Equipment NOT REQUIRED

Work Hygienic Practices:

NOT REQUIRED

Supplemental Safety and Health:

MORE INFORMATION ON FILE.

Health Hazards Data

LD50/LC50 Mixture:

NK

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

INHAL: ANESTHETIC, IRRIT TO RESP TRACT, NS DEPRESSION, HEADACHE, DIZZY, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, COMA. SKIN/EYE: PRIMARY IRRIT, BRAIN/NS DAMAGE. INGEST: ASPIRATION HAZARD, LOSS OF GAG REFLEX, CONVULSIONS, UNCONSCIOUSNESS.

Explanation Of Carcinogenicity:

TOLUENE IS LISTED BY NTP AND IARC AS A HUMAN CARCINOGEN.

Signs And Symptoms Of Overexposure:

NK

Medical Cond Aggravated By Exposure:

NK

First Aid:

INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN, CALL DR. EYES: FLUSH W/LOTS OF RUNNING WATER FOR 15 MINUTES, GET MED AID. SKIN: WASH PROMPTLY W/WATER. REMOVE CONTAM CLOTHES, WASH BEFORE REUSE, GET MED AID. INGEST: CALL DR/POISON CONTROL IMMED. IF CONSCIOUS, GIVE 1-2 GLASSES WATER. DONT INDUCE VOMIT.

Spill Release Procedures:

REMOVE ALL IGNITS. MOP/ADD ABSORBENT. USE NONSPARKING TOOLS, ADEQUATE VENT. MOVE LEAKING CONTAINERS OUTDOORS. OBSERVING PRECAUTIONS FOR IGNITS/FIRE. AVOID RUNOFF TO WATERWAYS. NOTIFY FIRE/HEALTH AGENCIES.

Neutralizing Agent:

NK 7

Waste Disposal Methods:

RECLAIM MATERIAL. INCINERATE OR USE SANITARY LANDFILL PER FEDERAL, STATE AND LOCAL REGULATIONS. DONT INCINERATE CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.

Handling And Storage Precautions:

STORE IN WELL VENTILATED WAREHOUSE. KEEP FROM DIRECT SUNLIGHT/OTHER HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING.

Other Precautions:

GROUND CONTAINERS WHEN POURING. EMPTY CNTNRS RETAIN RESIDUE. DONT PRESSURIZE/WELD/BRUISE/SOULDER/DRILL/GRIND/EXPOSE TO IGNITABLES. AVOID FREEFALL OF LIQUID. USE ORIGINAL CNTNR.

Fire and Explosion Hazard Information

Flash Point Method:

SCC

Flash Point:

Flash Point Text:

43.0F, 6.1C

Autoignition Temp:

Autoignition Temp Text:

NK

Lower Limits:

1.4

Upper Limits:

NK

Extinguishing Media:

FOAM, ALCOHOL FOAM, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:

WATER MAY BE INEFFECTIVE. WATER SPRAY CAN BE USED TO COOL FIRE EXPOSED CONTAINERS. AVOID UNNECESSARY EXPOSURE TO FUMES. GET MED AID. USE SCBA.

Unusual Fire/Explosion Hazard:

TOXIC GASES OCCUR WHEN BURNING. KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM IGNITS. CONTAINERS EXPLODE IN HEAT. DONT APPLY TO HOT SURFACE. DONT MIX W/OXIDANTS.

Physical/Chemical Properties

HCC:

NRC/State IC No:

NK

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

94 TO 244F

Melt/Freeze Pt:

M.P./F.P. Text:

NON

Decomp Temp:

Decomp Text:

NONE

Vapor Pres:

Vapor Pres:

NONE

Vapor Density:

>AIR

Volatile Org Content %:

Spec Gravity:

NONE

VOC Pounds/Gallon:

PH:

NONE

VOC Grams/Liter:

Viscosity:

NK 9

Evaporation Rate & Reference:

SLOWER THAN ETHER

Solubility in Water:

NK

Appearance and Odor:

NK

Percent Volatiles by Volume:

85.0

Corrosion Rate:

NK

Conditions To Avoid Polymerization:

NK

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

TEMPS IN EXCESS OF 150F IN CLOSED CONTAINER. EXPOSURE TO HEAT/ANY OTHER IGNITABLES.

Materials To Avoid:

OXIDIZING AGENTS

Hazardous Decomposition Products:

CO2, CARBON MONOXIDE, OXIDES OF NITROGEN

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NK

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: