

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-99/99-86-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

99-86-5

Code:

M

RTECS:

OS8060000

Code:

M

Name:

ALPHA-TERPINENE

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

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

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:

LOCAL EXHAUST: SUGGESTED. MECHANICAL: AS REQUIRED.

Protective Gloves:

UNITED A392, BUTYL RUBBER, OR PVA

Eye Protection:

CHEMICAL GOGGLES

Other Protective Equipment:

Equipment AS REQUIRED

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS &FACE THOROUGHLY W/SOAP &WATER AFTER USING PRODUCT.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES: IRRITATION. SKIN: SLIGHT ALLERGEN, REMOVAL OF NATURAL OILS, & IRRITATION. INHALATION: IRRITATION OF NOSE, THROAT, & LUNGS, & MAY CAUSE NAUSEA. INGESTION: NAUSEA, VOMITING, & DIARRHEA.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

EYES: IRRITATION. SKIN: SLIGHT ALLERGEN, REMOVAL OF NATURAL OILS, & IRRITATION. INHALATION: IRRITATION OF NOSE, THROAT, & LUNGS, & MAY CAUSE NAUSEA. INGESTION: NAUSEA, VOMITING, & DIARRHEA.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: INDUCE VOMITING IF MORE THAN ONE OUNCE IS TAKEN. SYRUP OF IPECAC IS RECOMMENDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

COLLECT & PLACE IN A SUITABLE CONTAINER. USE CLAY OR MINERAL ABSORBENTS. KEEP FROM SOURCES OF IGNITION. DON'T ALLOW LARGE QUANTITIES TO ENTER WATERWAYS.

Neutralizing Agent:

N/K

Waste Disposal Methods:

POUR SMALL AMOUNTS DOWN SANITARY SEWERS. DISPOSE OF CONTAMINATED MATERIAL IN AN APPROVED LANDFILL OR BY BURNING, IF ALLOWED. FOLLOW LOCAL, STATE, & FEDERAL REGULATIONS. SOAK CONTAMINATED RAGS W/WATER BEFORE DISPOSAL.

Handling And Storage Precautions:

KEEP IN PROPERLY LABELED, TIGHTLY CLOSED CONTAINERS. STORE IN A COOL, WELL-VENTILATED AREA AWAY FROM SOURCES OF IGNITIONS.

Other Precautions:

N/K

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

34°F

Flash Point Text:

125F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

0.7%

Upper Limits:

6.1% 3

Extinguishing Media:

DRY CHEMICAL FOAM, CO₂, WATER ONLY AS A SPRAY OR FOG, & OTHER CLASS B EXTINGUISHING MEDIA

Fire Fighting Procedures:

USE WATER FOG OR SPRAY TO KEEP CONTAINERS COOL & TO PREVENT Rupturing.

Unusual Fire/Explosion Hazard:

CLOSED CONTAINERS MAY BURST OR RUPTURE DUE TO PRESSURE BUILD-UP. RAGS SOAKED W/PRODUCT MAY SPONTANEOUSLY IGNITE.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:**

N/K

Boiling Point:

34°F

B.P. Text:

34°F

Melt/Freeze Pt:

N/A

M.P./F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

1

Vapor Density:

4.7

Volatile Org Content %:

N/A

Spec Gravity:

0.875

VOC Pounds/Gallon:

N/A

PH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

(Evap/C=1) Rate & Reference:

N/A

Solubility in Water:

EMULSIFIES 4

Appearance and Odor:

CLEAR GREEN LIQUID W/SWEET, AROMATIC ODOR.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

SOURCES OF IGNITION

Materials To Avoid:

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:

CO & CO₂

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

N/P

Regulatory Information

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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