

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-80/80-15-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

80-15-9

Code:

M

RTECS:

MX2450000

Code:

M

Name:

CUMENE HYDROPEROXIDE

Other REC Limits:

N/K

OSHA PEL:

NONE

Code:

M

OSHA STEL:

N/P

Code:**ACGIH TLV:**

NONE

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: 10 LBS DOT Rpt Qty: 10 LBS Ozone

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

NONE NEEDED FOR NORMAL USE.

Ventilation:

ENSURE ADEQUATE ROOM VENTILATION FOR COMFORTABLE WORKING CONDITIONS.

Protective Gloves:

POLYETHYLENE OR RUBBER GLOVES.

Eye Protection:

SAFETY GLASSES.

Other Protective Equipment:

Equipment BARRIER CREAMS RECOMMENDED.

Work Hygienic Practices:

NK

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

N/P

Health Hazards Acute And Chronic:

PROLONGED SKIN CONTACT MAY RESULT IN DERMATITIS IN SENSITIVE PERSONS. WILL IRRITATE EYES ON CONTACT. THRESHOLD LIMIT VALUE: NO CRITERIA FOR MEASUREMENT. NOT YET ESTABLISHED.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SKIN IRRITATION

Medical Cond Aggravated By Exposure:

N/K

First Aid:

WASH WITH SOAP AND WATER FOR SKIN CONTACT. FOR EYE CONTACT, FLUSH WITH PLENTY OF WATER. FOR INGESTION, DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

Spill Release Procedures:

SOAK UP WITH INERT ABSORBENT.

Neutralizing Agent:

N/K

Waste Disposal Methods:

LANDFILL OR INCINERATE IN ACCORDANCE WITH EPA AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL DRY PLACE AND OUT OF DIRECT SUNLIGHT.

Other Precautions:

KEEP AWAY FROM CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

>100.0C, 212.0F

Flash Point Text:

151F

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

CO₂, DRY CHEMICAL, WATER 3

Fire Fighting Procedures:

WEAR SELF CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:

IRRITATING ORGANIC VAPORS

Physical/Chemical Properties

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

>204.4C, 400.0F

B.P. Text:

@ 760 MM

Melt/Freeze Pt:**M.P./F.P. Text:****N/R****Decomp Temp:****Decomp Text:****N/R****Vapor Pres:****CO₂, DRY CHEMICAL, WATER 3****Vapor Density:**

1.01 AIR=1

Volatile Org Content %:**Spec Gravity:**

1.1 H₂O=1

VOC Pounds/Gallon:**pH:**

N/K

VOC Grams/Liter:

133

Viscosity:

450-550 CPS

Evaporation Rate & Reference:

VERY LOW

Solubility in Water:

INSOLUBLE

Appearance and Odor:

RED, MILD ORGANIC ODOR

Percent Volatiles by Volume:

12.0

Corrosion Rate:

NONE

Neutralizing Agent:

N/K

Waste Disposal Methods:

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Reactivity Data

Reactivity Indicator:

YES

Temperature To Avoid:

TEMPERATURES IN EXCESS OF 150 DEGREES F.

Materials To Avoid:

AVOID CONTAMINATION.

Hazardous Decomposition Products:

NONE

Hazardous Polymerization Indicator:

YES

Conditions To Avoid Polymerization:

TEMPERATURES IN EXCESS OF 150 DEGREES F.

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

Information:

N/P

Information: