

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:
N/K

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
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.C, 212.F

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.F

B.P. Text:
@ 760 MM

Melt /Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
.01 MMHG

Vapor Density:
1.01 AIR=1

Volatile Org Content %:

Spec Gravity:
1.1 H20=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 4

Reactivity Data

Stability Indicator:
YES

Stability Condition 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