

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-760/7601-90-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7601-90-3
Code:
M
RTECS:
SC7501000
Code:
M
Name:
PERCHLORIC ACID

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:
Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED SCBA WITH FULL PERSONAL PROTECTION IN CASE THERE IS POOR VENTILATION. 4

Ventilation:
LOCAL EXHAUST.

Protective Gloves:
IMPERVIOUS

Eye Protection:
CHEMICAL GOGGLES WITH FACESHIELD

Other Protective Equipment:
Equipment EYE WASH,SAFETY SHOWER (FULL EYES AND SKIN PROTECTION).

Work Hygienic Practices:
AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST.

Supplemental Safety and Health:
MSDS RECEIVED BY DGSC-SLM:NOV 27,1987.

Health Hazards Data

LD50LC50Mixture:
250 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
N/P

Ingestion:
YES

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
ACUTE:CORROSIVE TO EYES,SKIN AND MUCOUS MEMBRANES; COUGHING,CHOKING,HEADACHE,DIZZINESS,WEAKNESS,PULMONARY EDMA.
CHRONIC:EROSION OF TEETH,BRONCHIAL IRRITATION,GI TRACT INJURY.

Explanation Of Carcinogenicity:
N/K

Signs And Symptions Of Overexposure:
SEE HEALTH DATA.

Medical Cond Aggravated By Exposure:
PRE-EXISTING CONDITIONS MAY WORSEN.

First Aid:
INHALATION:REMOVE TO FRESH AIR,GIVE OXYGEN IF NECESSARY,CALL A PHYSICIAN IMMEDIATELY. SKIN:WASH WITH WATER THOROUGHLY,CONSULT A PHYSICIAN. EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES,CONSULT A PHYSICIAN AT ONCE. INGESTION:CONSULT PHYSICIAN AT ONCE.

Spill Release Procedures:
USE PROPER PERSONAL PROTECTION.DIKE AND CONTAIN FREE LIQUID;USE SUITABLE ABSORBENT MATLS AND RECOVER FOR PROPER DISPOSAL. 3

Neutralizing Agent:
SODA ASH OR ALKALINE MATERIAL

Waste Disposal Methods:
DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE IN COOL,DRY AND WELL VENTILATION AREA.KEEP AWAY FROM HEAT,WATER,OPEN FLAMES.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NON COMBUSTIBLE

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
DRY CHEMICAL,CO*2,WATERSPRAY OR FOAM,OR FLOOD AREA WITH WATER.

Fire Fighting Procedures:
COOL CONTAINERS WITH WATER; USE NIOSH/MSHA APPROVED SCBA.

Unusual Fire/Explosion Hazard:
KEEP AWAY FROM HEAT OR OPEN FLAMES. MAY EXPLODE; USE REASONABLE CARE.

Physical/Chemical Properties

HCC:
D3

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:
=115.C, 239.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.6

VOC Pounds/Gallon:

PH: ACIDIC

VOC Grams/Liter:

Viscosity:
N/P 5

Evaporation Rate & Reference:
N/K

SOLUBILITY in Water:
SOLUBLE

Appearance and Odor:
COLORLESS,FUMING,VOLATILE,HYGROSCOPIC,UNSTABLE LIQUID.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
NO

Stability Condition To Avoid:
EXTREME HEAT, WATER

Materials To Avoid:
ACETIC ACID, OXIDIZING AND REDUCING AGENTS

Hazardous Decomposition Products:
DECOMPOSITION MAY GIVE HCL, CL*2; EXPLOSION MAY TAKE PLACE. USE REASONABLE CARE.

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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