

CHLORINE DIOXIDE

INGREDIENTS

chlorine dioxide

CAS No

10049-04-4

%

100

8hr OEL

0.28 mg/m3

NFPA RATING

NFPA Rating: 0: Minimum, 1: Low, 2: Moderate, 3: High, 4: Extreme



UN No: 3303

Hazchem Code: 2PE

DG Class: 2.3

Subsidiary Risk: 5.1

Packing Group: Not Applicable

Poisons Schedule: Not Available



PROPERTIES

Gas. Mixes with water. Increases fire risk. Contact with combustible material may cause fire.

EMERGENCY



FIRST AID

SWALLOWED:

Contact Doctor or Poisons Centre.

SKIN:

Flood body with water. Remove contaminated clothing. Wash with water

ADVICE TO DOCTOR:

Treat symptomatically.

FIRE FIGHTING:

Keep containers cool.

Water spray/ fog.

SPILLS AND DISPOSAL:

Spilled liquid has low temperature and evaporates quickly.

Consider evacuation.

Do NOT absorb spillage in combustibles.

Control vapour with water spray/ fog.

Dilute with water.

PRECAUTIONS FOR USE



GLASSES:

Safety Glasses.

Consider full face-shield.

STORAGE AND TRANSPORTATION:

Restrictions on Storage apply. Refer to Full Report.

FIRE/EXPLOSION HAZARD:

Vapours/gas heavier than air.

Toxic smoke/fumes in a fire.

Risk of explosion if heated under confinement.

ENVIRONMENT:

Very toxic to aquatic organisms. Avoid release to the environment. Refer to special instructions/Safety data sheets.

HEALTH HAZARD INFORMATION



ACUTE HEALTH EFFECTS:

Toxic if swallowed.

Very toxic by inhalation.

Causes burns.

Risk of serious damage to eyes.

CHRONIC HEALTH EFFECTS:

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS


 Flammable
 X

 Explosive
 X

 Toxic
 X

 Radioactive
 X

 Oxidizing
 X

X: Must not be stored together

For further information call Environmental Protection: 880-9714 (DH) or 427-0158 (JID)

For proper disposal methods and locations for the chemical or chemical contaminated material, contact the Environmental Engineering Division on 880-9767