

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide, Foam, Dry chemical powder and Dry sand

Prohibited extinguishing media : Do not use straight streams of water.

Extinguishing media : For small fires, use water, carbon dioxide, foam
or dry chemical powder, etc.

For large fires, use foam extinguisher.

Move containers from fire area if it can be done without risk, and
if possible, apply water from a safe distance to cool and protect
surrounding area. Fire water and dilution water must be contained
and prevented from being discharged to any waterway, sewer, or
drain in order not to cause environment pollution.

Protection for firefighters : Wear self-contained breathing apparatus and full protective
gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Keep personnel away except for authorized ones from spillage area
by stretching ropes. Wear proper equipment and avoid contact with
eyes, skin and inhalation.

Do not absorb/collect the spill downwind.

Environmental precautions : Do not release dusts into the Air, soil, sewers, or waterways.

Methods and materials for contaminant and cleaning up :

Prevent dust from scattering and collect it using a vacuum cleaner or dust
collection equipment.

In the case of a large quantity, collect after having sprayed water and
made sludge.

Absorb or collect the spill according to the disposal rules.

7. HANDLING AND STORAGE

Handling: • Work at a place of the good ventilation and handle it using local exhaust
ventilation.

• Handle it carefully to prevent dust from scattering.

• Wear proper equipment

(antidust mask, compatible chemical-resistant gloves(cloth glove, rubber glove),
etc.) and avoid skin contact and inhalation of dust.

• Wash mouth and hands etc. after handling.

Storage : • Store in adry place.

• Keep away from heat, steam pipe and sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control : Use adequate general or local exhaust ventilation to keep airborne
concentrations below the permissible exposure limits. Facilities storing or utilizing these
materials should be equipped with an eyewash and a safety shower.

Install a measuring instrument and a detector for flammable gases, toxic gases, if
necessary.

Chemical name	ACGIH TLV	OSHA PEL
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