

Calgon Towerbrom 991

INGREDIENTS

N',N',N'- trichloroisocyanuric acid
 sodium bromide
 inerts
 Calgon Towerbrom 991

CAS No

87-90-1
 7647-15-6
 Not Available
 7782-50-5

%

92
 7
 1
 -

8hr OEL

0.5 ppm
 -
 -
 0.5 ppm

NFPA RATING



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



UN No: 2468
 Hazchem Code: Not Applicable
 DG Class: 5.1
 Subsidiary Risk: Not Applicable
 Packing Group: II
 Poisons Schedule: Not Available

PROPERTIES

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

HEALTH HAZARD INFORMATION





ACUTE HEALTH EFFECTS:

Harmful by inhalation and if swallowed.
 Irritating to eyes, respiratory system and skin.

CHRONIC HEALTH EFFECTS:

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

			
Flammable X	Explosive X	Toxic X	Radioactive X

X: Must not be stored together

PRECAUTIONS FOR USE



APPROPRIATE ENGINEERING CONTROLS:

General Exhaust Ventilation adequate.

GLASSES:

Safety Glasses.
 Consider chemical goggles.
 Consider full face-shield.

RESPIRATOR:

Type AB-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

STORAGE AND TRANSPORTATION:

Store in cool, dry, protected area.

FIRE/EXPLOSION HAZARD:

Toxic smoke/fumes in a fire.

ENVIRONMENT:

Very toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment.
 Dangerous for the ozone layer. Use appropriate container to avoid environmental contamination.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

EMERGENCY



FIRST AID

SWALLOWED:

Contact Doctor or Poisons Centre.
 Give glass of water.

EYE:

Wash with running water (15 mins). Medical attention.

SKIN:

Remove contaminated clothing. Wash with soap & water.

INHALED:

Fresh air. Rest, keep warm.
 Blow nose. Rinse mouth with water.

ADVICE TO DOCTOR:

Treat symptomatically.

FIRE FIGHTING:

Water spray/ fog.

SPILLS AND DISPOSAL:

Consider evacuation.
 Pollutant.
 Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place

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