

CALGON TOWERBROM-993 MICROBIOCIDES

INGREDIENTS	CAS NO	%	8HR OEL
chlorine	7782-50-5	-	N/A
N',N',N'- trichloroisocyanuric acid	87-90-1	92.9	-
sodium bromide	7647-15-6	6.9	-
inerts	Not Available	<1	-



UN No: 2468
 Hazchem Code: 1W
 DG Class: 5.1
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: S5



NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

HEALTH HAZARD INFORMATION



Acute Health Effects: Harmful by inhalation and if swallowed.
 Irritating to eyes, respiratory system and skin.

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.

PROPERTIES



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

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. If breathing shallow, give oxygen. Medical attention. Blow nose. Rinse mouth with water.
Advice To Doctor:	Treat symptomatically.
Fire Fighting:	Water spray/ fog. Consider evacuation. Pollutant.
Spills and Disposal:	Avoid dust. Prevent from entering drains. Contain spillage by any means. Sweep shovel to safe place.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Toxic	Radioactive
x	x	x	x

x — Must not be stored together