



# Material Safety Data Sheet

NFPA	HMIS	Personal Protective Equipment						
	<table border="1"> <tr><td>Health Hazard</td><td style="text-align: center;">3</td></tr> <tr><td>Fire Hazard</td><td style="text-align: center;">0</td></tr> <tr><td>Reactivity</td><td style="text-align: center;">2</td></tr> </table>	Health Hazard	3	Fire Hazard	0	Reactivity	2	<p>See Section 15.</p>
Health Hazard	3							
Fire Hazard	0							
Reactivity	2							

Section 1. Chemical Product and Company Identification		Page Number: 1
Common Name/ Trade Name	<b>Bismuth Chloride</b>	
Manufacturer	ProChem, Inc. 826 Roosevelt Rd. Rockford, IL 611091248	CAS# 7787-60-2
Commercial Name(s)	Not available.	RTECS EB2690000
Synonym	Bismuth Trichloride; Trichlorobismuth; Trichlorobismuthine;	TSCA TSCA 8(b) inventory: Bismuth Chloride
Chemical Name	Bismuth Chloride	CI# Not available.
Chemical Family	Not available.	<b>IN CASE OF EMERGENCY</b> <b>CHEMTREC (24hr) 800-424-9300</b> <b>815-398-1788</b>
Chemical Formula	Bi-Cl <sub>3</sub>	
Supplier		

Section 2. Composition and Information on Ingredients					
Name	CAS #	Exposure Limits			% by Weight
		TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )	CEIL (mg/m <sup>3</sup> )	
1) Bismuth Chloride	7787-60-2				100
Toxicological Data on Ingredients	<b>Bismuth Chloride:</b> ORAL (LD50): Acute: 3334 mg/kg [Rat]. 2250 mg/kg [Mouse].				

Section 3. Hazards Identification	
Potential Acute Health Effects	Very hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Hazardous in case of skin contact (corrosive), of ingestion. The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

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