





Boron Trifluoride/ Boron Fluoride (BF₃)

Physical Properties:

* Appearance	: Clear colorless to amber liquid
* Odor	: Pungent smelling odor
* Melting Point	: -127.3 HC (-197 HF)
* Boiling Point	: -100.6 HC (-149.1 HF)
* Density	: 1.6 g/cm ³ g/ml @ HC
* Molecular Weight	: 67.81 g/mol
* Solubility in water	: 332 g/ml
* Vapor Pressure	: 19.1 @ mmHg @ 21.1 HC (70 HF)
* Vapor Density	: 2.4 (Air=1)
* Gas Density	: 0.179 g/cm ³
* Flash Point	: 4 HC (39.2 HF)
* Storage Temp	: 2- 8 HC
* Viscosity	: 0.017 mPa.s @ 25 HC

Label

<div style="border: 1px solid black; padding: 5px; display: inline-block;">Boron Trifluoride</div>	Boron Trifluoride CAS No. : 7637-07-2 UN No. :	Product Identifier
   		Pictogram
DANGER		Signal word
Hazard statements: <ul style="list-style-type: none"> - Highly flammable liquid and vapour. - Contains gas under pressure; may explode if heated. - Toxic if swallowed. - Fatal in contact with skin. - Causes severe skin burns and eye damage. - Fatal if inhaled. 		Hazard statements
Precautionary statements: Prevention: <ul style="list-style-type: none"> - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. - Ground/bond container and receiving equipment - Use explosion-proof electrical/ventilating/lighting/.../equipment. - Use only non-sparking tools. - Take precautionary measures against static discharge. - Do not breathe dust/fume/gas/mist/vapors/spray. 		Precautionary statements

<ul style="list-style-type: none"> - Wash Thoroughly after handling. - Do not get in eyes, on skin, or on clothing. - Do not eat, drink or smoke when using this product. - Wear protective gloves/protective clothing/eye protection/face protection. - Wear respiratory protection. - Use only with adequate ventilation. <p>Response:</p> <ul style="list-style-type: none"> - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician. - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Specific measures (see on this label.) - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <p>Storage:</p> <ul style="list-style-type: none"> - Keep container tightly closed. - Store locked up. - Protect from sunlight. - Store in a well-ventilated place. - Store at temperatures not exceeding 52°C/125°F. <p>Disposal:</p> <ul style="list-style-type: none"> - Dispose of contents/ containers in accordance with local/regional/national/international regulation. 	
<p>-----Co., Ltd.</p> <p>No.-----,-----St.-----City</p> <p>Tel. ----- Fax. -----</p>	<p>Supplier identification</p>