

# BORON TRIFLUORIDE PRODUCT OVERVIEW

For over 70 years, Solstice has been a trusted source for Boron Trifluoride ( $\text{BF}_3$ ) supply. The Solstice team provides expertise in safe transport, delivery, and handling of  $\text{BF}_3$ .



# The #1 Choice for BF<sub>3</sub> Gas and Complex

Our high-performance BF<sub>3</sub> commercial and technical services team is focused on your success. Our technical experience, robust supply chain, large fleet, and product stewardship commitment gives us the ability to meet your expectations.



## Benefits of using Solstice BF<sub>3</sub> include:

- Reliable supply, transport, and handling.
- Experienced and dedicated technical service support.
- Large modern fleet built and maintained to Solstice standards with dedicated drivers.
- Emergency response expertise.
- High quality products – ISO 9001.
- High quality products – ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018’.

	BF <sub>3</sub>	BF <sub>3</sub> Methanol Complex	BF <sub>3</sub> Ether Complex
UN ID Number	UN 1008	UN 2922	UN 3286
Shipping Information	Toxic – Inhalation Hazard	Corrosive liquid, Toxic, NOS	Flammable Liquid, Toxic, Corrosive, NOS
Shipping Name	Boron Trifluoride	Boron Trifluoride Methanol Complex	Boron Trifluoride Diethyl Etherate
Form	Compressed Gas	Liquid	Liquid
Color	Dense white cloud if exposed to moisture	Colorless to yellowish	Colorless to pale yellow
Odor	Strong pungent	Strong pungent	Strong pungent
Chemical Formula	BF <sub>3</sub>	CH <sub>4</sub> BF <sub>3</sub> O	C <sub>4</sub> H <sub>10</sub> BF <sub>3</sub> O
Boiling Point	-148°F / -100°C	Not determined	258.3°F / 125.7°C
Melting Point	-199.1°F / -128.4°C	Not determined	-76.7°F / -60.4°C
Flash Point	Not applicable	154°F / 67.8°C	< 50°F / < 10°C
Molecular Weight	67.81 g/mol	99.8 g/mol	141.94 g/mol

For more information, click [HERE](#) or scan the QR code to contact us.



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