

## Technical Data Sheet

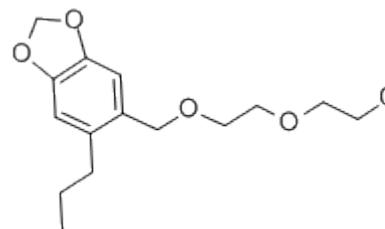
### Basic information

Chemical name	Piperonyl butoxide
Synonyms	PBO
CAS.No.	51-03-6
EINECS No.	200-076-7
Molecular weight	338.44

Formula

C19H30O5

Chemical structure



### Physical properties

Appearance	Slightly yellowish liquid
Density, 20°C, g/cm <sup>3</sup>	1.059 g/mL at 25 °C(lit.)
Boiling point, °C	180 °C
Melting point, °C	N/A
Flash point, °C	>230 °F
Refractive index	n <sub>20</sub> /D 1.498(lit.)
Solubility	Insoluble in water. And ethanol, benzene and other organic solvents immiscibility

### Specification

Items	Specification
Appearance	Slightly yellowish liquid
Purity	≥95%
Relative Density(20°C)g/cm <sup>3</sup>	1.0400—1.0700
Ref index	1.4850—1.5100
Water content	≤0.2%
Acidity	≤0.15%

### Application

Ariculture	Broad spectrum synergist. It can prove the insecticidal activity of pyrethrin, a variety of pyrethroids, rotenone and carbamate insecticides
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### Package

- 200kg/drum, 16t per 20'ft;



### **Safety on transportation**

It belongs to common goods, always refer to MSDS.

### **Storage and handling**

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

**Issue Date:** 1st,12,2015