

**SPECIFICATION****METHYL ISOBUTYL CARBINOL****Synonym: methyl isbutyl carbinol; 4-methyl pentanol****CAS NO.:** 108-11-2**Formula:** C<sub>6</sub>H<sub>14</sub>O**Molecular Wt:** 102.18g/mole**Chemical Formula:****Physical Properties:**

Appearance, Clear, colorless liquid

Boiling Point, °C 130-133°C

Sp. Gr. at 25°C, g/cm<sup>3</sup> 0.805-0.810 (Water=1)

Flash Point, °C 41

**Specifications:**

MIBC and MIBC Iso. /%, 99.5Min (G.C)

Hazen, 10 Max (Pt-Co)

Moisture, 0.1 Max (Karl Fisher)

Acidity /%, 0.005 Max (Volumetric Titration)

**Application Areas:**

in the production of lubricant oil additives, used as organic solvents, used as a frother in the flotation process in the mining of ores.

**Safety:**

If Inhalation, move the patient immediately to an area with plenty of fresh air, If breathing stops, apply artificial respiration or CPR.; Seek medical attention immediately. If Skin contact, immediately wash with large amount of water for more than 10 minutes; If irritation persists, seek medical attention immediately; contaminated clothing must be washed thoroughly before disposal. If Eye Contact, Immediately lift eyelids, wash with warm water for more than 20 minutes. Seek medical attention immediately; If Ingestion, seek medical attention;

**Storage:**

Store in cool, dry and well-ventilated locations. Keep heat sources and sparks from the storage area. Fans must also be fireproof.

**Packaging:** 160kgs net wt. in Iron Drum

18.5MT(+/-5%) net wt. in Isotank

**IMDG Class:** 3.3**Packing Group as per IMO:** III**UN No.:** 2053