



Name : Alpha Chlorotoluene, Chlorophenylmethane,
Chloromethylbenzene

Common Name : **BENZYL CHLORIDE CAS No. 100-44-7**

Formula : $C_6H_5CH_2Cl$

Molecular Weight : 126.5

Un No. : 1738

Specification : Toluene : 02. To 0.5% Max.
O.C.T : 0.2 To 0.5% Max.
Benzyl Chloride : 99.5% Min.
Benzyl Chloride : 0.2 To 0.5% Max.

Packing Group : II

Hazard Class : 6.1,8

Information
Reported : 500 ml
For Product / Size

International : (Water, I.M.O.)

International : (Air, I.C.A.O.)

Uses : Manufacture of benzylacetate, benzyl alcohol benzyl benzoate, Benzyl Cyanide, Benzyl Salicylate, Pharmaceuticals, Perfumers, Dyes, Synthetic Tanning & Artificial Resins Etc.

Packing : 230 kgs, HMHDPE DRUMS

Note

The information given in datasheet is based on the present state of our knowledge byrers / users should make their own assessment of our product under their own conditions for their requirements.

ODOR : Pungent, Aromatic, Irritating

Physical State : Liquid at Normal Temperature.

Flammable Limit (Lower Limit) : 1.1% & By volume in air.

Flash Point : (Closed Cup) : 67°C (153°F)
(Open Cup) : 74°C (165°F)

Autoignition Temp. : 585°C (1085°F)

Boiling Point (760MM) : 179.4°C (355°F)

Colour : Colourless To Slightly Yellowish

Freezing Point : -39.2°C (-37.7°F)

Vapor Density : 4.36
(Air=1)

Vapor Pressure : 0.07LBS. per Sq.Ins.
37.8°C (100°F)

Specific Gravity : 25° / 25°C(77°/77°F) - 1.0986

Hygroscopicity : On long standing will pick up water vapor from the air and turn cloudy. Unless a very slow reaction to give hydrogen chloride and benzyl alcohol in the presence of water.

Light Sensitivity : None

Reactivity : Very Reactive, Unless stabilize, This compound undergoes a friendal-crafts type condensation when exposed to certain metal. Hydrogen chloride is liberated by this reaction.

:

Threshold limit (Max. average atmospheric concentration for 8 hrs. working day without injury to helth) 1PPM or 5 MG/M3

Other Information : Health : 3 flammability : 2 Reactivity : 1
NFPA Rating

Lable hazard Warning

Danger! Corrosive cause burn to any area of contact. Harmful if swallowed or inhaled. Causes severe irritation to skin, eyes, and respiratory tract. Affects central nervous system. Combustible liquid and vapor.

:

Lable Precautions

Do not get in eyes, or skin, or no clothing. Do not breathe mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Keep away from heat and flame.

Lable First Aid

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breating is difficult, give oxygen. In case of contact wipe of excess material from skin then immediately flush eyes or skin with plenty of water for at least 15 minutes. While removing contaminated clothing & shoes. Wash clothing before reuse. If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. In all cases medical attention immediately.

Product Use : Laboratory Reagent

www.sparchem.com