



ORBITALA

who dares wins

PRODUCT: Cyclopentane

Chemical name: Cyclopentane

Chemical formula: C₅H₁₀

CAS #: 287-92-3

Purity: 95.0%

Hazard Class: 3 (flammable)

UN/NA: UN1146

CHARACTERISTIC:

Melting point: -93°C (-135.4°F)

Density: 0.749 (Water = 1)

Heat of formation: [Click here to enter text.](#)

Auto-ignition temperature: 361°C (682°F)

Vacuum stability: Stable under ordinary conditions of use and storage

Acidity:

Detonation velocity:

Friction sensitivity (ISF):

Impact sensitivity (ISI):

USES:

Cyclopentane is used in the manufacture of synthetic resins and rubber adhesives and also as a blowing agent in the manufacture of polyurethane insulating foam, as found in many domestic appliances such as refrigerator s and freezers, replacing environmentally damaging alternatives such as CFC-11 and HCFC-141b^[4]