

Material Safety Data Sheet

1) product&Company Identification

product: Dichlorofluoroethane(HCFC-141b)

Company: Chengdu Dimax Chemical Co.,Ltd.

Molecular formula: CH₃CCL₂F

2) Composition/Information on ingredients

Chemical Characterization:

Dichlorofluoroethane

CAS number: 2903791014

3) Hazards Identification

Designation : No specific hazard

Risk Phrases

4) First Aid Measures

Inhalation

Remove to fresh air. seek medical advise if symptoms persist.

Eye Contact

Flush with copious amounts of water for at least 15 minutes.

Skin Contact

Wash affected area with soap and water. Rinse thoroughly.

Ingestion

Rinse out mouth and Drink lots of water. If unusual symptoms are observed, seek medical advice.

5) FireFightingMeasures**Extiguishing Medium**

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

6) AccidentalReleaseMeasures**Personal protection**

Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.

Environmental protection

Take precautions to ensure product does not enter the drainage system.

7)HandlingandStorage

Handling

The packing (Iron drum) of HCFC-141b, People shall be careful of not bumping, dragging, throwing.

Storage

**The HCFC-141b shall be packed in the clean and dry iron drum,
The iron drum shall be stored in the cool place.**

8)ExposureControlsAndPersonalProtection

Eye

Avoid eye contact . wear safety spectacles or goggles.

Hands and Body

Avoid skin contact.

9)PhysicalAndChemicalProperties

Appearance: Clear, transparent, colorless liquid.

Applications: Foaming agent as alternative to CFC 11,and precision cleaning agent to substitute CFC-113.

Boiling Point: 32.05°C

Freezing Point: -103.5°C

Density of Liquid at 25°C:1.227

Specific heat (25°C),aqua,kj/kg: 1.16

Critical Temperature °C:204.15

Critical Density,g/cm³: 0.433

Latent Heat of Vaporization at bp,KJ/Kg :223.0

Solubility in water : not solubility in water.

ODP:0.11

GWP:0.09

10)StabilityAndReactivity

Low acids. No corrosive ,It keeps stability in the normal temperature.

11) ToxicologicalInformation

Low toxicity, It will not harm the people health.

12)EcologicalEffects

General

Take care to prevent chemical from entering the ground,water courses or drainage systems.

13)DisposalConsiderations

Disposal should be via an approved contractor and should take full account of local regulations.

14)TransportInformation

Land Transport ADR/RIC Code/Class: Not Restricted

Maritime Transport IMDG Code/Class: Not Restricted

Air Transport IATA Code/Class: Not restricted

15)RegulatoryInformation

Hazard indication: No specific hazard

16)Others

Risk and Safety phrases

None specified –Exercise all due in use