

**ZHEJIANG SANMEI CHEMICAL IND, CO.,LTD.**

**ADD: HuChu Industry Area, WuYi County, ZheJiang Province, China.**

## **Material Safety Data Sheet**

### **1) product &Company Identification**

**product: HCFC141B**

**Company:ZheJiang SanMei Chemical Ind,Co,Ltd.**

**Molecular formula:CH3CCL2F**

### **2) Composition/ Information on ingredients**

**Chemical Characterization:**

**Dichlorofluoroethane**

**CAS number: 001717-00-6**

**H.S. CODE:29037910**

### **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) Fire Fighting Measures**

**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**

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organic materials. Use carbon dioxide or dry powder.

#### **Protective Equipment**

Wear self-contained breathing apparatus and protective clothing.

#### **6)Accidental Release Measures**

##### **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)Handling and Storage**

##### **Handling**

The packing (Iron drum) of HCFC141B, People shall be careful of not bumping, dragging, throwing.

##### **Storage**

The HCFC141B, shall be packed in the clean and dry iron drum,  
The iron drum shall be stored in the cool place.

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#### **8)Exposure Controls And Personal Protection**

##### **Eye**

Avoid eye contact . wear safety spectacles or goggles.

##### **Hands and Body**

Avoid skin contact.

#### **9)Physical And Chemical Properties**

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

Speciftic 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) Stability And Reactivity**

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

**11) Toxicological Information**

**Low toxicity, It will not harm the people health.**

**12) Ecological Effects**

**General**

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

**13) Disposal Considerations**

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

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**14) Transport Information**

**Land Transport ADR/RIC Code/Class: Not Restricted**

**Maritime Transport IMDG Code/Class: Not Restricted**

**Air Transport IATA Code/Class: Not restricted**

**15) Regulatory Information**

**Hazard indication: No specific hazard**

**16) Others**

**Risk and Safety phrases**

**None specified –Exercise all due in use**

浙江三美化工股份有限公司  
ZHEJIANG SANMEI CHEMICAL IND. CO., LTD.

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