Section 1: Chemical Identification

Code No. : MB106
Name of the Product : Ethanol, For Molecular Biology
Produced by : HiMedia Laboratories Pvt. Ltd.
Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
Tel. No. : 2500 0970, 2500 1607  Fax No. 022 2500 2468

Section 2: Ethanol, For Molecular Biology

Flammable material

CAS NO. : 64-17-5
R : 11  S : 7-16
RTECS : KQ 6300000

Section 3: Hazards Identification

Hazard : 1. Liquids with flash points below 0°C and a boiling point/initial boiling point of max. 35°C
Caution : Avoid all contact with all sources of ignition.

Hazard : 2. Gaseous substances which are flammable in contact with air at ambient temperature and pressure.
Caution : Avoid formation of flammable gas-air mixtures and keep away from sources of ignition.

Section 4: First-Aid Measures

In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

Section 5: Fire Fighting Measures

Extinguishing Media. Water spray.
Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

Handling - Refer to Section 8
Storage - Store below 30°C
Section 8: **Exposure Controls / Personal Protection**
Wear appropriate NIOSH/MSHA-approved respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9: **Physical and Chemical Properties**
Appearance: Liquid
Colour: Colourless

Section 10: **Stability and Reactivity**
Stability: Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.
Conditions to avoid: Heat and light.
Hazardous polymerization will not occur.

Section 11: **Toxicological Information**
Acute Effects: May be harmful if swallowed.
Exposure can cause: Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
RTECS No.: KQ 6300000
For complete information RTECS may be referred

Section 12: **Ecological Information**
Data not available

Section 13: **Disposal Considerations**
On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.

Section 14: **Transport Information**
UN No.: Not applicable.

Section 15: **Regulatory Information**
Risk Phrases: Highly flammable
Risk Phrases: Keep container tightly closed
Safety Phrases: Keep away from combustible material

Significance of signs: 1. Liquids with flash points below 0°C and a boiling point/initial boiling point of max. 35°C.
2. Gaseous substances which are flammable in contact with air at ambient temperature and pressure.

Section 16: **Other Information**
The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for users’ obligation to investigate and determine the suitability of the information for their particular purpose.