Name of the Product : Potassium nitrite
Code No. : RM1797

Section 1 : Chemical Identification
   Code No. : RM1797
   Name of the Product : Potassium nitrite
   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 25002468

Section 2 : Potassium nitrite
   Toxic/Dangerous for the environment/Oxidising Material

Potassium nitrite
   CAS No. : 7758-09-0
   R : 8-25-50
   S : 45-61
   RTECS : TT3750000

Section 3 : Hazards Identification

Hazard : The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversable damage.
   Caution : Avoid contact with the human body,and immediately consult a doctor in cases of malaise.

Hazard : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna,flora,atmosphere) or which have a detrimental effect at longer term.
   Caution : Avoid release to the environment.

Hazard : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.
   Caution : Keep away from combustible material.

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 eye lids 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 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. Avoid raising dust. Ventilate area and wash spill site after material pick up 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 respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9 : Physical and Chemical Properties
Appearance : White or slightly yellow deliquescent granules or rods.

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. : TT3750000
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 there of 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
Overland (ADR)
UN 1488 Class 5.1
Packaging group 2
By Sea (IMDG)
UN 1488 Class 5.1
Packaging group 2
By Air (IATA)
UN 1488 Class 5.1
Packaging group 2

Section 15 : Regulatory Information
Risk Phrases : Contact with combustible material may cause fire.
Risk Phrases : Toxic if swallowed.
Risk Phrases : Very toxic to aquatic organisms.
Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Safety Phrases : Avoid release to the environment. Refer to special instructions/Safety data sheets.
Hazard: The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.

Caution: Avoid contact with the human body, and immediately consult a doctor in cases of malaise.

Hazard: Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.

Caution: Avoid release to the environment.

Hazard: Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.

Caution: Keep away from combustible material.

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.