Name of the Product : Sodium dihydrogen phosphate
Code No. : PCT0013

Section 1 : Chemical Identification
Code No. : PCT0013
Name of the Product : Sodium dihydrogen phosphate
Plant Culture Tested
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 : Sodium dihydrogen phosphate
Plant Culture Tested
Irritant material
CAS No. : 7558-80-7
Formula : NaH$_2$PO$_4$ Molecular weight : 119.98
R : 36/37/38 S : 26/36
RTECS : WA1900000

Section 3 : Hazards Identification
Hazard : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
Caution : Do not breathe vapours and avoid contact with skin and eyes.

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 victim 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.
Toxic gases produced : Sulphur oxides, nitrogen oxides, ammonia.

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 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 : Granular powder
Colour : White

Section 10 : Stability and Reactivity
Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7.
Conditions to avoid : Incompatibles, moisture.
Hazardous polymerization : Will not occur.
Hazardous decomposition products : Sodium oxides, phosphorus oxides.
Incompatibles : Strong oxidizing agents, strong acids, strong bases.

Section 11 : Toxicological Information
Acute Effects : May be harmful if swallowed.
Exposure can cause : Irritation, nausea, vomiting. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Routes of entry : Skin and eye contact.
RTECS No.: WA1900000
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 of 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 : Irritating to eyes, respiratory system and skin.
Safety Phrases : Incase of contact with eyes, rinse immediately with water and seek medical advice.
Safety Phrases : Wear suitable protective clothing.
Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.

Section 16 : Other Information
Disclaimer : For R & D use only. Not for drug, household or other uses.

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.