Name of the Product : Periodic Acid Solution (PAS)
Code No. : S073

Section 1 : Chemical Identification
Code No. : S073
Name of the Product : Periodic Acid Solution (PAS)
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 : Composition
Ingredients | Grams/Litre
---|---
Periodic acid crystals | 10.00 gm
Distilled water | 1000.0 ml

*Oxidizing / Corrosive material

Section 3 : Hazards Identification
Hazard : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.
Caution : Keep away from combustible material.

Hazard : Living tissue as well as equipment are destroyed on contact with these chemicals.
Caution : Do not breathe vapours and avoid contact with skin, eyes and clothing.

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. 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 at 2 - 8°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.

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 : Contact with combustible material may cause fire  
Risk phrases : Causes burns  
Safety Phrases : Keep away from combustible material  
Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
Safety Phrases : Wear suitable protective clothing, gloves and eye/ face protection  
Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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

Significance of signs : Living tissue as well as equipment are destroyed on contact with these chemicals. Caution : Do not breathe vapours and avoid contact with skin, eyes and clothing.

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.