

## INDICATOR PAPERS 3.8-5.3

GHS Safety Data Sheet

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### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME**

INDICATOR PAPERS PH 3.8-5.3

**OTHER NAMES**

"indicator reagent test strips"

**PRODUCT USE**

Estimation of acidity or basicity of a solution in a laboratory or in the field.

**SUPPLIER**

Company: S D FINE - CHEM LIMITED

Address:

315- 317, T.V.IND.ESTATE,

248 WORLI ROAD,

MUMBAI- 400 030, INDIA

technical@sdfine.com

Telephone: 91- 22 24959898

Telephone: 91- 22 24959899

Fax: 91- 22 24937232

### Section 2 - HAZARDS IDENTIFICATION

**HAZARD RATINGS**

|              |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Flammability |  |  |  |  |  |
| Toxicity     |  |  |  |  |  |
| Body Contact |  |  |  |  |  |
| Reactivity   |  |  |  |  |  |
| Chronic      |  |  |  |  |  |
| SCALE:       | Min/Nil=0                                                                           | Low=1                                                                               | Moderate=2                                                                          | High=3                                                                               | Extreme=4                                                                             |

**EMERGENCY OVERVIEW**

**HAZARD**

Not hazardous

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| NAME                                            | CAS RN | %   |
|-------------------------------------------------|--------|-----|
| indicator papers for pH                         |        |     |
| with mixed dyes changing colour at specified pH |        | 100 |

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

- If conscious, give water.

### EYE

- If this product comes in contact with the eyes:
  - Wash out immediately with fresh running water.
  - Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
  - Seek medical attention without delay; if pain persists or recurs seek medical attention.
  - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

- Not applicable.

### INHALED

- Not applicable.

### NOTES TO PHYSICIAN

- Treat symptomatically.

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## Section 5 - FIRE FIGHTING MEASURES

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- Combustible. Will burn if ignited.

### EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.

### FIRE/EXPLOSION HAZARD

- Combustible. Will burn if ignited.

### FIRE INCOMPATIBILITY

- No known incompatibility with normal range of industrial materials.

### PERSONAL PROTECTION

Glasses:  
Safety Glasses.

Gloves:  
General purpose rubber glove.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### MINOR SPILLS

- Sweep up.

### MAJOR SPILLS

- Clear area of personnel and move upwind.
- If inhalation risk of exposure exists, wear SAA approved dust respirator.
- Collect recoverable product into labelled containers for recycling.

**Personal Protective Equipment advice is contained in Section 8 of the MSDS.**

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## Section 7 - HANDLING AND STORAGE

### PROCEDURE FOR HANDLING

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handling DO NOT eat, drink or smoke.
- Always wash hands with soap and water after handling.
- Avoid physical damage to containers.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.

### SUITABLE CONTAINER

- Packaging as recommended by manufacturer.
- Check that containers are clearly labelled.

### STORAGE INCOMPATIBILITY

- Segregate from strong acids and strong alkalis.

### STORAGE REQUIREMENTS

Laboratory storage for bulk supplies.

### SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



+: May be stored together

O: May be stored together with specific precautions

X: Must not be stored together

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

#### MATERIAL DATA

INDICATOR PAPERS UNIVERSAL PH:

- No exposure limits set by NOHSC or ACGIH.

### PERSONAL PROTECTION



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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EYE

- Safety glasses.

### HANDS/FEET

- Rubber Gloves.

### OTHER

- Laboratory coat.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult your Occupational Health and Safety Advisor.

### ENGINEERING CONTROLS

- No recommendation required.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Packets or booklets of small strips of absorbent paper impregnated with dyes which display a colouration governed by the pH of the solution in which they are immersed.

### PHYSICAL PROPERTIES

Does not mix with water.

|                                 |                 |                           |                |
|---------------------------------|-----------------|---------------------------|----------------|
| State                           | Manufactured    | Molecular Weight          | Not applicable |
| Melting Range (°C)              | Not applicable  | Boiling Range (°C)        | Not applicable |
| Solubility in water (g/L)       | Partly miscible | Flash Point (°C)          | Not applicable |
| pH (1% solution)                | Not available   | Decomposition Temp (°C)   | Not available  |
| pH (as supplied)                | Not applicable  | Autoignition Temp (°C)    | Not available  |
| Vapour Pressure (kPa)           | Not applicable  | Upper Explosive Limit (%) | Not applicable |
| Specific Gravity (water=1)      | Not available   | Lower Explosive Limit (%) | Not applicable |
| Relative Vapour Density (air=1) | Not applicable  | Volatile Component (%vol) | Not applicable |
| Evaporation Rate                | Not applicable  |                           |                |

## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

### CONDITIONS CONTRIBUTING TO INSTABILITY

- Product is considered stable and hazardous polymerisation will not occur.  
*For incompatible materials - refer to Section 7 - Handling and Storage.*

## Section 11 - TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

### ACUTE HEALTH EFFECTS

continued...

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## Section 11 - TOXICOLOGICAL INFORMATION

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### SWALLOWED

- Considered an unlikely route of entry in commercial/industrial environments.

### EYE

- Not applicable.

### SKIN

- Not applicable.

### INHALED

- None identified.

### CHRONIC HEALTH EFFECTS

- No data of toxicological significance identified in literature search.

### TOXICITY AND IRRITATION

- No data of toxicological significance identified in literature search.

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## Section 12 - ECOLOGICAL INFORMATION

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No data

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## Section 13 - DISPOSAL CONSIDERATIONS

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- Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Recycle containers if possible, or dispose of in an authorised landfill.

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## Section 14 - TRANSPORTATION INFORMATION

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### HAZCHEM:

- ☐ None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

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## Section 15 - REGULATORY INFORMATION

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### REGULATIONS

No data for Indicator Papers Universal pH (CW: 32887)

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## Section 16 - OTHER INFORMATION

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■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

The above information is believed to be accurate and represent the best information currently available to us, but does not represent any warranty expressed or implied of the properties of the product. User should make their own investigation to determine the suitability of the information for their particular purpose.

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