1 Identification of the substances/ mixture and of the company/ undertaking

1.1 Product Identifiers

Product Number: DS0024
Product Name: Wash Solution Concentrate (HPE)

Reach registration number is not available for this mixture. The annual tonnage does not require a REACH registration or it is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Produced by: HiMedia Laboratories Private Limited
Address: 23, Vadhani Industrial Estate, LBS Marg, Ghatkopar (W), Mumbai - 400 086 India
Tel. No.: +91-22-2500 0970, +91-22-2500 1607 Fax No.: +91-22-25002468
Mail Id: mb@himedialabs.com
Website: www.himedialabs.com

1.4 Emergency Tel. No.

Emergency Tel. No.: Please contact the regional HiMedia representation in your country

2 Hazards Identification

2.1 Classification of the substance or mixture

CLP Classification—Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Flammable liquids, (Category 2), H225
Serious eye damage or eye irritation, (Category 2A), H319
Specific target organ toxicity, single exposure, Narcotic effects, (Category 3), H336

2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008

Pictogram

Signal word: Danger

Hazard Statement(s)

H225 Highly Flammable liquid and vapour
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

Precautionary Statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other Hazards
None

3 Composition/Information On Ingredients
3.2 Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=25 - &lt;=30%</td>
</tr>
</tbody>
</table>

4 First Aid Measures
4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash with plenty of soap and water. Consult a physician.

In case of eye contact
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed
Treat symptomatically.

5 Fire Fighting Measures
5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol- resistant foam, dry chemical or carbon dioxide
Unsuitable extinguishing media
No data available.

5.2 Special hazards arising from the substance or mixture
No data available.

5.3 Precautions for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary

5.4 Further information
No data available.

6 Accidental Release Measures
6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Wear disposable gloves, dust mask and eye protection.

6.2 Environmental precautions
No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up
Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Clean up affected area. Flush spill area with water.

6.4 Reference to other sections
For disposal see Section 13.

7 Handling and Storage
7.1 Precautions for safe handling
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. **Recommended Storage Temperature**: Store between 15-25°C

7.3 Specific end uses
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure Controls/Personal Protection
8.1 Control parameters
Components with workplace control parameters

8.2 Exposure controls
**Appropriate engineering controls**
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.

**Personal protective equipment**
**Hygiene measure**
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

**Eye/face protection**
Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environment exposure controls
No special environmental precautions required.

9 Physical and chemical properties
9.1 Information on basic physical and chemical properties
Appearance  Liquid
Odour  No data available
Odour Threshold  No data available
pH  No data available
Flash point  No data available
Evaporation rate  No data available
Flammability (Solid, gas)  No data available
Vapour pressure  No data available
Relative density  No data available
Water Solubility  No data available
Partition coefficient: n-octanol/water  No data available
Decomposition Temperature  No data available
Viscosity  No data available
Vapour density  No data available
Thermal decomposition  No data available

9.2 Other safety information
No data available

10 Stability and Reactivity
10.1 Reactivity
No data available
10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
No data available
10.4 Conditions to avoid
10.5 **Incompatible materials**
No data available

10.6 **Hazardous decomposition products**
Other Decomposition products. No Data Available

11 **Toxicological Information**

11.1 **Information on toxicological effects**

*Acute toxicity*
No data available

*Skin corrosion/irritation*
No data available

*Serious eye damage/eye irritation*
No data available

*Respiratory or skin sensitisation*
No data available

*Germ cell mutagenicity*
No data available

*Carcinogenicity*
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

*Reproductive toxicity*
No data available

*Specific target organ toxicity- single exposure*
No data available

*Aspiration hazard*
No data available

**Potential Health Effects**

*Inhalation*
REFER SECTION 2

*Skin*
REFER SECTION 2

*Eyes*
REFER SECTION 2

*Ingestion*
REFER SECTION 2

**Additional Information**
RTECS : Not applicable

12 **Ecological Information**

12.1 **Toxicity**
No data available

12.2 **Persistence and degradability**
12.3 **Bioaccumulative potential**  
No data available

12.4 **Mobility in soil**  
No data available

12.5 **PBT and vPvB assessment**  
No data available

12.6 **Other adverse effects**  
No data available

13 **Disposal Considerations**

13.1 **Waste treatments methods**  
**Product**
Offer surplus and non-recyclable solutions to a licenced company.

13.2 **Contaminated packaging**  
Dispose of as unused product.

14 **Transport Information**

14.1 **UN-No**

14.2 **UN proper shipping name**

ADNR : Not dangerous goods  
ADR : Not dangerous goods  
IATA C : Not dangerous goods  
IATA P : Not dangerous goods  
IMDG : Not dangerous goods  
RID : Not dangerous goods

14.3 **Transport hazard class(es)**

ADNR : -  
ADR : -  
IATA C : -  
IATA P : -  
IMDG : -  
RID : -

14.4 **Packaging group**

ADNR :  
ADR :  
IATA C :  
IATA P :  
IMDG :  
RID :  

14.5 **Environmental hazards**

ADNR : No  
ADR : No  
IMDG : Marine Pollutant : No  
IATA C : No  
IATA P : No  
RID : No

14.6 **Special precautions for use**

No data available

15 **Regulatory Information**

15.1 **Safety health and environment regulations/legislation specific for the substance or mixture**

No data available

15.2 **Chemical Safety Assessment**

No data available
16  **Other information**

H225  Highly Flammable liquid and vapour  
H319  Causes serious eye irritation  
H336  May cause drowsiness or dizziness  
Eye Irrit. 2A  Serious eye damage or eye irritation, Category 2A  
Flam. Liq. 2  Flammable liquids, Category 2  
STOT SE 3  Specific target organ toxicity, single exposure, Narcotic effects, Category 3  

**Further Information**

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