




Safety data sheet according to GHS

1. Identification

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| Identification of the Substance or mixture | Matwash® SAP liquid |
| Recommended use of the product and restrictions on use | Saponification-aid after reactive dyeing. For Industrial use only. |
| Manufacturer/Supplier's details | Matex Bangladesh Limited Head Office : Biman Bhaban, 5 th Floor, 100 Motijheel C/A, Dhaka – 1000, Bangladesh Tel # 88-02-9562383, Fax # 88-02-9562387 Factory : East Chandora, Shafipur, Kaliakoir, Gazipur, Bangladesh. Tel & Fax # 88 – 06822 – 51166, Mobile # 01711 – 684530 e-mail : researchdevelopment@matexbd.com web: www.matexbd.com |
| Emergency Phone number | 880-6822-51166 ; Mobile # 01713425868 |

2. Hazard Identification

| GHS Classification | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Physical hazards | None |
| Health hazards | Acute Toxicity – Category 4 Skin Corrosion/irritant – Category 1A to 1C Serious eye damage/eye irritation – Category 1 |
| Environmental hazards | Hazardous to the aquatic environment – Category 3 Hazardous to the ozone layer – Not classified as hazardous |
| GHS Label |  |
| Signal Word | Danger, Warning |
| Hazard Statements | |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H332 | Harmful if inhaled |
| Precautionary Statements | |
| Prevention | |
| P264 | Wash ...thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P260 | Do not breathe dusts or mists. |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment. |



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| Response | |
| P301 + P330 + P331 P303 + P361 + P353 P304 + P340 P305 + P351 + P338 P363 P310 + P312 | IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair) : Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician if you feel unwell. |
| Storage | |
| P405 | Store locked up. |
| Disposal | |
| P501 | Dispose of contents/container in accordance with local regulations. |

3. Composition/information on ingredients

| Synergistic mixture of alkaline salts | Ingredients | CAS No. | Concentration |
|---------------------------------------|--------------|---------|---------------|
| | Confidential | - | Proprietary |

4. First Aid Measures

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| Skin Contact | Remove all contaminated clothing. Wash thoroughly with soap and water. If irritation persists, seek medical attention. |
| Eye Contact | Flush the eye with plenty of water for 15 minutes. If there is any irritation seek medical advice immediately. |
| Inhalation | Remove affected person to fresh air. If recovery is delayed seek medical advice. |
| Ingestion | If the person is conscious, rinse mouth with water. Do not induce vomiting unless directed to do so by a physician. |

5. Fire Fighting Measures

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| Extinguishing media | Foam, carbon dioxide, dry powder, water spray/fog. |
| Special exposure hazards | None |
| Special protective equipment for firefighters | As for fires involving chemicals; chemical protection suit, suitable gloves and boots, and self contained breathing apparatus. |

6. Accidental release measures

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| Personal precautions | Use personal protective equipment |
| Environmental precautions | Do not discharge into drains or rivers. |
| Methods for cleaning up | Soak up with inert adsorbent material. Transfer into a suitable container (labeled salvage) for disposal by an appropriate method. |

7. Handling and storage

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| Precautions for safe handling | Do not eat, drink or smoke while handling the product. Wash hands after use. |
| Conditions for safe storage | Store in a cool, dry & ventilated area away from the sources of heat or ignition. |



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| Shelf Life | 6 months. |
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8. Exposure controls/personal protection

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| Control parameters | Ensure adequate ventilation, especially in confined areas. |
| Appropriate engineering controls | Use local exhaust ventilation as needed. |
| Individual protection measures (including PPE): | |
| Eye protection | Safety goggles. |
| Skin protection | Protective clothing. |
| Hand protection | Protective gloves. |
| Respiratory protection | Not required for properly ventilated areas. |

9. Physical and chemical properties

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| Appearance | Clear colorless to pale yellow liquid |
| Odor | Characteristic odor |
| pH (10% solution) | ca.12.0 |
| Melting point/Freezing point | Not determined |
| Boiling point/range | ca.90-100 °C |
| Flash point | Not inflammable |
| Evaporation Rate | Not available |
| Flammability (solid/gas) | Not available |
| Explosive limits | Not available |
| Vapour pressure | Not volatile |
| Vapour density | Not available |
| Relative density | ca.1.4 g/ml |
| Solubility(ies) | Soluble in water |
| Partition coefficient :n-octano/water | Not available |
| Auto ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not applicable |

10. Stability and reactivity

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| Reactivity | No reactivity hazards. |
| Stability | Stable at room temperatures. |
| Possibility of hazardous reactions | None known |
| Conditions to avoid | Keep away from heat, sparks, open flame and other ignition sources. |
| Incompatible materials | Fluorine |
| Hazard decomposition products | No decomposition if stored and applied as directed. |

11. Toxicological information

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| This product is not tested. The following information is based on analogy with a similar material or information of ingredients. | |
| Acute toxicity | Oral/LD50/Rat : 1153 mg/kg |
| Skin corrosion/irritation | Skin burns |



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| Serious eye damage/irritation | Serious eye damage |
| Respiratory or skin sensitization | Non-sensitizing |
| Germ cell mutagenicity | No mutagenic effects were observed in standard test using bacterial and animal cells. |
| Carcinogenicity | NTP carcinogen is not known and anticipated. |
| Reproductive toxicity | Reproductive effector |
| STOT-single exposure | Data is not available |
| STOT-repeated exposure | Data is not available |
| Aspiration hazard | Data is not available |

12. Ecological information

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|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| This product is not tested. The following information is based on analogy with a similar material or information of key ingredients. | |
| Toxicity | Mixture consists of ingredients of unknown hazard to the aquatic environment. |
| Persistence & degradability | Data is not available |
| Bioaccumulative potential | Data is not available |
| Mobility in soil | Data is not available |
| Other adverse effects | Data is not available |

13. Disposal considerations

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| Disposal methods | Dispose of contents/container in accordance with local regulation. |
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14. Transport information

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|--------------------------------------------------------------------------|--------------------------|
| UN Number | Not applicable |
| UN Proper Shipping Name | Not applicable |
| Transport hazard classes | Not applicable |
| Packing group, if applicable | Not applicable |
| Environmental hazards | No environmental hazards |
| Special precautions for user | None |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

15. Regulatory Information

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| Safety, health and environmental regulations | None |
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16. Other information

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| Date of preparation | 18/04/2010 |
| Revision No. | 01 |
| Reason for revision | Updated as per GHS Standard Format |
| All ingredients are compliant with the requirements of European Directive on RoHS (Restriction of Hazardous Substances) | |
| Matwash[®] is a registered trade name of Matex Bangladesh Limited | |



The information, data and recommendations stated herein are based upon the data of ingredients available to us and are considered to be reliable. However, it is the users responsibility to satisfy himself, by preliminary tests or otherwise, the suitability of such information for his own particular purpose, including mixing with other products. The purpose of this Material safety data sheet is to describe the material in terms of physical, health & environmental hazards. Matex Bangladesh Limited makes no warranties, either expressed or implied, with respect thereto and assumes no obligation/liability for the hazards connected with the use or handling of the material.