| HAZTE  | сн Material S  | Safety Data                               | Sheet         | Page 1 of 4                                  |
|--|--|---|---------------|--|
| SYSTEM   | MS, <sup>™</sup> NFPA                                      | HMIS                                      |               | PPE (See Section 15)                         |
| INC  | $\overline{3}1$ Fi   | lealth Hazard<br>ire Hazard<br>eactivity  | $\frac{3}{1}$ |  |
| Section 1. Cher  | nical Product and Company Iden                             | tification                                |               |  |
| Trade Name   | Sugar Test 2   |   | Part #        | RE2062, RE2073                               |
|  | C  |   | CAS #         | 1310-58-3 / 6381-59-5                        |
| Manufacturer   | Haztech Systems, Inc.<br>PO Box 929                        |   | RTECS         | TT2100000 / Not available.                   |
| Mariposa, CA 95338   |  |   | TSCA          | TSCA 8(b) inventory:<br>Potassium hydroxide  |
| Commercial Name  | Potassium hydroxide and potassium sodium tartrate in water |   |               | i otaootani i jai oniae                      |
| Synonyms   |  |   | CI #          |  |
|  |  |   |               | nergency contact CHEMTREC<br>at 800-424-9300 |
|  |  |   | HazTech Sy    | vstems, Inc. 800-543-5487                    |
| Chemical Formula   | KOH, KNaC4H4O6.4H2O, H2O                                   | Spectrum Chemical Mfg. Corp. 310-516-8000 |               |  |
| Supplier Spectrum Chemical Mfg. Corp.<br>14422 S. San Pedro St.<br>Gardena, CA 90248 |  |   |               |  |

## Section 2. Composition and Information on Ingredients

|   |   | 1   | Ехро        | osure Limits         | 1            |                   |
|---|---|---|-------------|----------------------|--------------|-------------------|
| Name  |   | CAS #   | TWA (mg/m3) | STEL                 | CEIL (mg/m3) | % by Weight       |
| Potassium hydroxide<br>Potassium sodium tartrate<br>Water |   | 1310-58-3<br>6381-59-5  |             |                      | 2            | 40%<br>30%<br>30% |
| Toxicological<br>Data on Ingredients                      |   | Potassium hydroxide: ORAL (LD50): Acute: 273 mg/kg (Rat). 365 mg/kg (Rat). 388 mg/kg (Rat). Potassium sodium tartrate LD50: Not available. LC50: Not available. |             |                      |              |                   |
| Section 3. Haz  | ards Identifica   | tion  |             |                      |              |                   |
| Potential Acute<br>Health Effects                         | Extremely hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation.<br>The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or<br>blindness. Skin contact can produce inflammation and blistering. Severe over-exposure can produce lung damage,<br>choking, unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching.<br>Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.   |   |             | e or<br>lung damage, |              |                   |
| Potential Chronic<br>Health Effects                       | Extremely hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation.<br>CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available.<br>TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.<br>The substance is toxic to lungs, mucous membranes.<br>Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure of the<br>eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction,<br>or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.<br>Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. |   |             |                      |              |                   |

| Sugar Test 2       | Page 2 of 4   |
|--------------------|---|
| Section 4. First A | Aid Measures  |
| Eye Contact        | Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.   |
| Skin Contact       | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.   |
| Inhalation         | Allow the victim to rest in a well ventilated area. Seek immediate medical attention.   |
| Ingestion          | Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. |

## Section 5. Fire and Explosion Data Flammability Non-flammable. Auto-Ignition Temperature Not applicable. Flash Point Not applicable. Flammable Limits Not applicable. Products of Combustion Not applicable. Fire Hazards in Presence Not applicable. of Various Substances **Explosion Hazards in Presence** Risks of explosion of the product in presence of mechanical impact: Not available. of Various Substances Risks of explosion of the product in presence of static discharge: Not available. Fire Fighting Media Not applicable. and Instructions Special Remarks on Fire Hazards Not applicable.

## Section 6. Accidental Release Measures

Small Spill Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

| Section 7. Handling and Storage                  |   |  |  |
|--|---|--|--|
| Precautions If inge                              | sted, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes |  |  |
| Storage Keep i                                   | n HazCat Kit.   |  |  |
| Section 8. Exposure Controls/Personal Protection |   |  |  |
| Engineering Controls                             | Use in a well ventilated area.  |  |  |
| Personal Protection                              | Gloves and goggles.   |  |  |

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| Section 9. Physical and C  | hemical Properties |  |           |                                 |  |
|--|--------------------|--|-----------|---------------------------------|--|
| Physical State and Appearance  | Liquid             |  | Volatili  | ty                              | Not available  |
| Molecular Weight   | Not available      |  | Odor T    | Threshold                       | Not available  |
| pH (1% Solution in Water)  | 14 (Basic)         |  | Water/    | Oil Dist. Coeff.                | Not available  |
| Boiling Point  | Not available      |  | Ionicity  | (in Water)                      | Not available  |
| Melting Point  | Not available      |  | Dispers   | ion Properties                  | Not available  |
| Critical Temperature   | Not available      |  | Solubili  | ity                             | Water  |
| Specific Gravity   | Not available      |  | Odor      |                                 | Not available  |
| Vapor Pressure   | Not available      |  | Taste     |                                 | Not available  |
| Vapor Density  | Not available      |  | Color     |                                 | Colorless  |
| Section 10. Stability and  | d Reactivity Data  |  |           |                                 |  |
| Stability  | Product is stable. |  |           | Corrosivity                     | Non-corrosive in presence of glass.                          |
| Instability Temperature  | Not available.     |  |           | Special Remar<br>on Corrosivity |  |
| Conditions of Instability  | Not available.     |  |           | Polymerizatior                  |  |
| Incompatibility with Various Substances  | Not available.     |  |           | 1 0191101124101                 |  |
| Section 11. Toxicological  | Information        |  |           |                                 |  |
| Route of Entry   |                    | Eye contact. In  | halation. | Ingestion.                      |  |
| Toxicity to Animals  |                    |  |           |                                 | / (LD50): 273 mg/kg (Rat).<br>wailable. LC50: Not available. |
| Chronic Effects on Humans  |                    |  |           | lungs, mucous i                 |  |
| Other Toxic Effects on Humans  |                    | Extremely haza of inhalation.  | rdous in  | case of skin conta              | act (corrosive, irritant), of ingestion,                     |
| Special Remarks on Toxicity to A   |                    | Not available.   |           |                                 |  |
| Special Remarks on Chronic Effects on Humans<br>Special Remarks on Other Toxic Effects on Humans |                    | Not available.<br>Not available.   |           |                                 |  |
| Section 12. Ecological Inf   |                    |  |           |                                 |  |
| Ecotoxicity  |                    | Not available.   |           |                                 |  |
| BOD5 and COD   |                    | Not available.   |           |                                 |  |
| Products of Biodegradation   |                    | Possibly hazardous short term degradation products are not likely. However,                                      |           |                                 |  |
| Toxicity of the Products of Biodegradation   |                    | long term degradation products may arise.<br>The products of degradation are less toxic than the product itself. |           |                                 |  |
| Special Remarks on the Products of Biodegradation  |                    | Not available.   |           |                                 |  |



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| Section 13. Dispose                                     | al Considerations   |  |  |
|---|---|--|--|
| Waste Disposal  | Recycle to process, if possible. Consult your local or regional authorities.  |  |  |
| Section 14. Transp                                      | ort Information   |  |  |
| DOT Classification                                      | CLASS 8: Corrosive liquid.  |  |  |
| Identification  | Potassium hydroxide solution, 8, UN1814, III  |  |  |
| Special Provisions<br>for Transport                     | Not applicable.   |  |  |
| Section 15. Other Regulatory Information and Pictograms |   |  |  |
| Federal and State Regula                                | tions Pennsylvania RTK: Potassium hydroxide<br>Massachusetts RTK: Potassium hydroxide<br>TSCA 8(b) inventory: Potassium hydroxide<br>CERCLA: Hazardous substances.: Potassium hydroxide |  |  |
| California Proposition 6                                | 5 Warnings  |  |  |
| Other Regulation  | OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).  |  |  |
| Other classifications                                   | WHMIS (Canada) CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).<br>CLASS E: Corrosive solid.<br>CLASS D-2A: Material causing other toxic effects (VERY TOXIC). |  |  |
|   | DSCL (EEC) R35- Causes severe burns.<br>R36- Irritating to eyes.  |  |  |
| Section 16. Other Information                           |   |  |  |

| Section 10. Other mitormation |                |  |  |
|-------------------------------|----------------|--|--|
| Part Number(s)                | RE2062         |  |  |
| References                    | Not available. |  |  |
| Other Special Considerations  | Not available. |  |  |
| Validated by                  | R. Turkington  |  |  |
| Verified by                   | R. Turkington  |  |  |
|                               |                |  |  |

Call 1-800-543-5487

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, HazTech Systems, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.