

|  |        |   |            |
|--|--------|---|------------|
| <b>HAZARD RATING</b><br>4-EXTREME<br>3-HIGH<br>2-MODERATE<br>1-SLIGHT<br>0-INSIGNIFICANT | Fire   | 0 | Reactivity |
|  | Health | 2 | 0          |
|  |        | 0 | Special    |
|  |        | 0 |            |
|  |        | 0 |            |

# MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 4-20-12

## SECTION 1 - PRODUCT IDENTIFICATION

|                    |                          |                           |   |
|--------------------|--------------------------|---------------------------|---|
| Company Name       | Multi-Steam              | Emergency Telephone No.   | 203-626-7759  |
| Address            | Wallingford, Connecticut | Information Telephone No. | 203-626-7759  |
| Product Name / ID# | Turbo Juice Red (695)    | Product Type              | Mild Acid Cleaner <input checked="" type="checkbox"/> Proprietary Product |

## SECTION 2 - HAZARDOUS INGREDIENTS

| Chemical Name/Common Name    | Cas No.    | Percent (optional) | TLV (Source)                 |
|------------------------------|------------|--------------------|------------------------------|
| Hydrochloric Acid            | 7647-01-0  | < 1%               | C 5 ppm (OSHA)               |
| Glycolic Acid                | 79-14-1    | < 10%              | 3 ppm (Industry Recommended) |
| Dodecylbenzene Sulfonic Acid | 27176-87-0 | < 5%               | NA                           |
|                              |            |                    |                              |

\* Substances  Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

## SECTION 3 - PHYSICAL DATA

|  |   |   |                |    |           |               |     |
|--|---|---|----------------|----|-----------|---------------|-----|
| Boiling Point (°F)                     | > 212°F   | Specific Gravity (H <sub>2</sub> O=1.0) | 1.0204 ± 0.005 | pH | 2.0 ± 0.5 | % VOC (ww)    | 0.5 |
| Solubility in Water                    | <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial) |   |                |    |           |               |     |
| Evaporation Rate (vs H <sub>2</sub> O) | <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same  |   | Vapor Pressure | NE |           | Vapor Density | NE  |

Appearance and Odor Green liquid, lime odor.

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

|                                  |   |  |  |                  |       |    |       |    |
|----------------------------------|---|--|--|------------------|-------|----|-------|----|
| Flash Point (T.C.C.)             | <input checked="" type="checkbox"/> None to boiling |  |  | Flammable Limits | Upper | NA | Lower | NA |
| Extinguishing Media              | NA  |  |  |                  |       |    |       |    |
| Special Fire Fighting Procedures | NA  |  |  |                  |       |    |       |    |
| Unusual Fire Explosion Hazards   | NA  |  |  |                  |       |    |       |    |

## SECTION 5 - REACTIVE DATA

|                                  |   |                 |                  |
|----------------------------------|---|-----------------|------------------|
| Stability                        | Stable  | Incompatibility | Ammonia, alkalis |
| Hazardous Decomposition Products | Oxides of Carbon and Sulfur, Hydrogen Chloride gas. |                 |                  |

## SECTION 6 - HEALTH HAZARDS

|   |  |                            |   |
|---|--|----------------------------|---|
| Threshold Limit Value Product See Section 2 for Ingredients TLV | <input checked="" type="checkbox"/> None Established <input type="checkbox"/> Not Applicable | Primary routes of Exposure | <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation |
|---|--|----------------------------|---|

Signs Symptoms of Over-exposure (Acute) May be highly irritating or cause burns to the eyes. Can cause irritation and possibly burns to the skin. Inhalation of mists may cause irritation of the respiratory tract. May be irritating and possibly cause corrosive burns along the digestive system if swallowed.

Signs Symptoms of Over-exposure (Chronic) NA

Medical Conditions Aggravated by Over-exposure Open sores. Eye or skin allergies.

Carcinogen/Suspected Carcinogen Ingredients:  NTP  IARC  OSHA  None

## SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Flush with water for 15 minutes. Get medical attention.

Skin Flush with water for 15 minutes. Remove contaminated clothing and wash before reuse.

Ingestion Give plenty of water. Do NOT induce vomiting. Call a physician.

Inhalation Remove to fresh air. If qualified, give oxygen or artificial respiration as necessary.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None

Ventilation requirements  Local Exhaust  Mechanical As needed to keep below any listed TLV's or for general good ventilation.

Protective Gloves Rubber Eye Protection Chemical goggles

Other Protective Clothing Rubber apron.

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Dilute with water and then neutralize with mild base. Mop or vacuum up.

Rinse residue with water.

Waste Disposal Methods Check all government regulations. Probable to flush diluted neutralized material into sanitary sewer system.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Store so as to be inaccessible to children. Wash thoroughly after handling.