

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

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| <b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>   |  |          |
| <b>Identity (As Used on Label and List):</b> Multi-Task #6 Blue Blazes<br><b>Product Class:</b> General purpose water-based cleaner<br><b>Emergency Telephone Number:</b> 800-255-3924<br><b>Telephone Number for Information:</b> 651-481-1900<br><b>Manufacturer's Name and Address:</b><br>Multi-Clean®<br>600 Cardigan Road<br>Shoreview, MN 55126   |  |          |
| <b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>   |  |          |
| <b>Hazardous Components (Specific Chemical Identity):</b>  |  |          |
| <b>Chemical</b>  | <b>Common Name(s)</b>                          | <b>%</b> |
| A  | Sodium carbonate<br>CAS #497-19-8              | 3 - 7    |
| B  | Sodium citrate<br>CAS #68-04-2                 | 1 - 5    |
| C  | Primary Alcohol Ethoxylates<br>CAS #34398-01-1 | 5 - 10   |
| D  | Sodium xylene sulfonate<br>CAS #1300-72-7      | 1 - 5    |
| E  | Water<br>CAS #7732-18-5                        | 60 - 100 |
| <b>SECTION III - HAZARDS IDENTIFICATION</b>  |  |          |
| <b>Emergency Overview</b>  |  |          |
| <b>Appearance and Odor:</b> Blue liquid, Sassafras aroma.<br><b>Primary Hazards:</b> Irritant  |  |          |
| <b>Potential Health Hazards</b>  |  |          |
| <b>Route(s) of Entry:</b> Skin Absorption: Ingestion: X Inhalation:<br><b>Eye:</b> May cause irritation on contact.<br><b>Skin:</b> May cause irritation on prolonged or repeated contact.<br><b>Ingestion:</b> May be harmful if swallowed.<br><b>Inhalation:</b> No hazardous vapors.<br><b>Signs and Symptoms of Exposure:</b> Irritation on direct contact.<br><b>Carcinogenicity:</b> NTP? No IARC Monographs? No<br><b>OSHA Regulated?</b> No<br><b>Target Organ (s):</b> No additional data<br><b>Medical Conditions Generally Aggravated by Exposure:</b> N. Av.<br><b>Health Hazards, Chronic:</b> N. Av.         |  |          |
| <b>SECTION IV - FIRST AID MEASURES</b>   |  |          |
| <b>Emergency and First Aid Procedures:</b><br><b>If Swallowed:</b> Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. <b>Skin Contact:</b> Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.<br><b>Sources Used:</b> Raw material data, general toxicology from the trade for similar products.  |  |          |
| <b>SECTION V - FIRE FIGHTING MEASURES</b>  |  |          |
| <b>Flammability:</b> No <b>Autoignition Temperature:</b> N. Av.<br><b>Flash Point (method used):</b> None<br><b>Flammable Limits:</b> N. Av. LEL UEL<br><b>Extinguishing Media</b> N. Av.<br><b>Water?</b> <b>Foam?</b> <b>Water Fog?</b><br><b>Alcohol Foam?</b> <b>CO<sub>2</sub>?</b> <b>Dry Chemical?</b><br><b>Vaporizing Liquid?</b> <b>Other?</b><br><b>Special Fire Fighting Procedures:</b> N. Av.<br><b>Unusual Fire and Explosion Hazards:</b> N. Av.<br><b>TDG Flammability Classification:</b> Non-flammable<br><b>Sensitivity to Mechanical Impact:</b> None<br><b>Sensitivity to Static Discharge:</b> None |  |          |
| <b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>  |  |          |
| <b>Steps to be Taken in Case Material is Released or Spilled:</b><br>Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.  |  |          |
| <b>SECTION VII - HANDLING AND STORAGE</b>  |  |          |
| <b>Precautions to be Taken in Handling and Storing:</b><br>Normal care in handling and storage.<br><b>Other Precautions:</b> Keep out of reach of children. Keep from freezing.  |  |          |
| <b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>  |  |          |
| <b>Respiratory Protection (Specify Types):</b> Not required<br><b>Ventilation:</b> Local Exhaust: Not required <b>Special:</b> Not required<br><b>Mechanical (General):</b> Normal good ventilation sufficient.<br><b>Other:</b> Not required<br><b>Protective Gloves:</b> Natural rubber or synthetic.<br><b>Eye Protection:</b> Approved safety goggles or glasses. <b>Footwear:</b> Not required<br><b>Other Protective Clothing or Equipment:</b> Not required<br><b>Work/Hygienic Practices:</b> Do not contaminate food or beverages with cleaning chemicals.  |  |          |

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| <b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>  |                 |                               |               |                              |             |
| <b>Boiling Point:</b> Approximately 212°F  |                 | <b>pH:</b> 11.3 - 11.7        |               |                              |             |
| <b>Specific Gravity (H<sub>2</sub>O) = 1:</b> 1.08   |                 | <b>% Volatile:</b> 60 - 100   |               |                              |             |
| <b>Vapor Density (Air = 1):</b> < 1  |                 | <b>Odor Threshold:</b> N. Av. |               |                              |             |
| <b>Evaporation Rate (Butyl Acetate = 1):</b> N. Av.  |                 | <b>Oil/Water Distribution</b> |               |                              |             |
| <b>Solubility in Water:</b> Complete   |                 | <b>Coefficient:</b> N. Av.    |               |                              |             |
| <b>Vapor Pressure (MM HG):</b> N. Av.  |                 |                               |               |                              |             |
| <b>Melting Point:</b> N. Ap.   |                 |                               |               |                              |             |
| <b>SECTION X - STABILITY AND REACTIVITY</b>  |                 |                               |               |                              |             |
| <b>Stability:</b> Unstable: Stable: X  |                 |                               |               |                              |             |
| <b>Conditions to Avoid:</b> N. Ap.   |                 |                               |               |                              |             |
| <b>Incompatibility (materials to avoid):</b> N. Av.  |                 |                               |               |                              |             |
| <b>Hazardous Decomposition or By-products:</b> N. Av.  |                 |                               |               |                              |             |
| <b>Hazardous Polymerization:</b> May occur:  |                 | <b>Will not occur:</b> X      |               |                              |             |
| <b>Conditions to Avoid:</b> N. Ap.   |                 |                               |               |                              |             |
| <b>SECTION XI - TOXICOLOGICAL INFORMATION</b>  |                 |                               |               |                              |             |
| <b>Chemical</b>  | <b>OSHA PEL</b> | <b>ACGIH TLV</b>              | <b>Recom.</b> | <b>LD50</b>                  | <b>LC50</b> |
| A  | None            | None                          | N. Av.        | 4g/kg<br>(rat, oral)         | N. Av.      |
| B  | None            | None                          | N. Av.        | 1-4 g/kg<br>(estimate)       | N. Av.      |
| C  | N. Ap.          | N. Ap.                        | N. Av.        | .7 - 1.7 g/kg<br>(rat, oral) | N. Av.      |
| D  | None            | None                          | N. Av.        | 4,000 mg/kg<br>(rat, oral)   | N. Av.      |
| E  | None            | None                          | N. Av.        | N. Av.                       | N. Av.      |
| <b>Teratogen, Mutagen, Reproductive Toxin Status:</b> No<br><b>Toxicologically Synergistic Products:</b> N. Av.  |                 |                               |               |                              |             |
| <b>SECTION XII - ECOLOGICAL INFORMATION</b>  |                 |                               |               |                              |             |
| <b>Ecotoxicological Information:</b> N. Av.<br><b>Chemical Fate Information:</b> N. Av.  |                 |                               |               |                              |             |
| <b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>  |                 |                               |               |                              |             |
| <b>Waste Disposal Method:</b><br>Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.<br><b>RCRA Hazard Class:</b> None   |                 |                               |               |                              |             |
| <b>SECTION XIV - TRANSPORT INFORMATION</b>   |                 |                               |               |                              |             |
| <b>Shipping Classification:</b> Compound, cleaning liquid, N.O.I.<br><b>UN Number:</b> N. Ap.<br><b>Packing Group:</b> N. Ap.  |                 |                               |               |                              |             |
| <b>SECTION XV - PREPARATION DATA</b>   |                 |                               |               |                              |             |
| <b>Prepared By:</b> Mike Tarvin<br><b>Telephone Number:</b> 651-481-1900<br><b>Date:</b> 4/08  |                 |                               |               |                              |             |
| <b>SECTION XVI - REGULATORY INFORMATION</b>  |                 |                               |               |                              |             |
| <b>US Federal Regulations</b><br><b>TSCA Status:</b> All ingredients listed.<br><b>CERCLA Reportable Quality:</b> None<br><b>SARA Title III</b><br><b>Section 302 Extremely Hazardous Chemicals:</b> None<br><b>Section 311/312 Hazard Category:</b> Immediate health hazard<br><b>Section 313 Toxic Chemicals:</b> None<br><b>State Regulations</b><br>(< .5 ppm).<br><b>International Regulations</b><br><b>WHMIS Controlled Product Hazard Class:</b> D2B |                 |                               |               |                              |             |
| <b>SECTION XVII - OTHER INFORMATION</b>  |                 |                               |               |                              |             |
| None   |                 |                               |               |                              |             |
| N. Ap. - Not Applicable; N. Av. - Not Available  |                 |                               |               |                              |             |

## NFPA SYSTEM

1 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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