

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b> <b>Identity (As Used on Label and List):</b> Side Strip <b>Product Class:</b> Aerosol Baseboard Stripper <b>Emergency Telephone Number:</b> 800-255-3924 <b>Telephone Number for Information:</b> 651-481-1900 <b>Manufacturer's Name and Address:</b> Multi-Clean® 600 Cardigan Road Shoreview, MN 55126												
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b> <b>Hazardous Components (Specific Chemical Identity):</b> <table border="1"><thead><tr><th>Chemical</th><th>Common Name(s)</th><th>%</th></tr></thead><tbody><tr><td>A</td><td>Monoethanolamine CAS #141-43-5</td><td></td></tr><tr><td>B</td><td>Isobutane CAS #75-28-5</td><td></td></tr><tr><td>C</td><td>2-Butoxyethanol CAS #111-76-2</td><td></td></tr></tbody></table>	Chemical	Common Name(s)	%	A	Monoethanolamine CAS #141-43-5		B	Isobutane CAS #75-28-5		C	2-Butoxyethanol CAS #111-76-2	
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<b>SECTION III - HAZARDS IDENTIFICATION</b> <b>Emergency Overview</b> <b>Appearance and Odor:</b> Gelled spray with mint and amine fragrance. <b>Primary Hazards:</b> Combustible <b>Potential Health Hazards</b> <b>Route(s) of Entry:</b> <b>Skin Absorption:</b> X <b>Ingestion:</b> <b>Inhalation:</b> X <b>Eye:</b> May cause irritation on contact. <b>Skin:</b> May cause irritation on prolonged or repeated contact. <b>Ingestion:</b> May be harmful if swallowed. Possible chemical pneumonitis if aspirated into lungs. <b>Inhalation:</b> Overexposure to vapors may be harmful. <b>Signs and Symptoms of Exposure:</b> Inhalation of high vapor concentrations may result in dizziness, asphyxia, anesthetic effects and possible unconsciousness. <b>Carcinogenicity:</b> NTP? No <b>IARC Monographs?</b> No <b>OSHA Regulated?</b> No <b>Target Organ (s):</b> Skin, eyes, liver and kidneys. <b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing skin, eye or respiratory disorders may be aggravated by exposure to this product. <b>Health Hazards, Chronic:</b> May cause nasal & respiratory irritation, diarrhea, vomiting. Lab animals have experienced anemia, liver, kidney, lung, blood damage when exposed to 2-Butoxyethanol.												
<b>SECTION IV - FIRST AID MEASURES</b> <b>Emergency and First Aid Procedures:</b> <b>If Swallowed:</b> Call a physician immediately. Do not induce vomiting. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes, obtain medical attention. <b>Skin Contact:</b> Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. If irritated, seek medical attention. <b>Inhalation:</b> Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately. <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> Combustible <b>Autoignition Temperature:</b> N. Av. <b>Flash Point (method used):</b> Non-flammable per USA Flame Projection Test <b>Flammable Limits:</b> N. Av. LEL N. Av. UEL N. Av. <b>Extinguishing Media</b> <table border="1"><tbody><tr><td><b>Water?</b> X</td><td><b>Foam?</b> X</td><td><b>Water Fog?</b></td></tr><tr><td><b>Alcohol Foam?</b></td><td><b>CO<sub>2</sub>?</b> X</td><td><b>Dry Chemical?</b> X</td></tr><tr><td><b>Vaporizing Liquid?</b></td><td><b>Other?</b></td><td></td></tr></tbody></table> <b>Special Fire Fighting Procedures:</b> Use water spray to keep containers cool to prevent vapor pressure build-up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers. Use self-contained breathing apparatus. <b>Unusual Fire and Explosion Hazards:</b> Do not spray near open flame or while smoking. At elevated temperatures over 54C° (130F°) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening container structure. <b>TDG Flammability Classification:</b> Unknown <b>Sensitivity to Mechanical Impact:</b> None <b>Sensitivity to Static Discharge:</b> N. Av.	<b>Water?</b> X	<b>Foam?</b> X	<b>Water Fog?</b>	<b>Alcohol Foam?</b>	<b>CO<sub>2</sub>?</b> X	<b>Dry Chemical?</b> X	<b>Vaporizing Liquid?</b>	<b>Other?</b>				
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<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b> <b>Steps to be Taken in Case Material is Released or Spilled:</b> Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material. Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state and federal regulations.												
<b>SECTION VII - HANDLING AND STORAGE</b> <b>Precautions to be Taken in Handling and Storing:</b> Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 1 Aerosol (NFPA 30B). <b>Other Precautions:</b> Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.												

<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b> <b>Respiratory Protection (Specify Types):</b> Not required if good ventilation is present. Avoid breathing spray mist. <b>Ventilation:</b> <b>Local Exhaust:</b> Not required <b>Special:</b> Not required <b>Mechanical (General):</b> As required to keep vapor level below TLVs and PELs (Section XI) <b>Other:</b> Not required <b>Protective Gloves:</b> Synthetic. <b>Eye Protection:</b> Approved safety goggles or glasses. <b>Footwear:</b> Impervious <b>Other Protective Clothing or Equipment:</b> Impervious clothing to prevent skin contact. <b>Work/Hygienic Practices:</b> Do not contaminate food or beverages with cleaning chemicals.																								
<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b> <b>Boiling Point:</b> N. Av. <b>pH:</b> 10-10.5 <b>Specific Gravity (H2O) = 1:</b> .990 <b>% Volatile:</b> > 95 <b>Vapor Density (Air = 1):</b> N. Av. <b>Odor Threshold:</b> N. Av. <b>Evaporation Rate (Butyl Acetate = 1):</b> <1 <b>Oil/Water Distribution</b> <b>Solubility in Water:</b> Soluble <b>Coefficient:</b> N. Av. <b>Vapor Pressure (MM HG):</b> max 60 psig @ 70°F (aerosols) <b>Melting Point:</b> N. Av.																								
<b>SECTION X - STABILITY AND REACTIVITY</b> <b>Stability:</b> <b>Unstable:</b> <b>Stable:</b> X <b>Conditions to Avoid:</b> N. Av. <b>Incompatibility (materials to avoid):</b> Strong organic acids, strong mineral acids. <b>Hazardous Decomposition or By-products:</b> CO <sub>2</sub> , CO and nitrogen compounds in small amounts. <b>Hazardous Polymerization:</b> <b>May occur:</b> <b>Will not occur:</b> X <b>Conditions to Avoid:</b> Do not store above 49C° (120F°). Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.																								
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b> <table border="1"><thead><tr><th>Chemical</th><th>OSHA PEL</th><th>ACGIH TLV</th><th>Recom.</th><th>LD50</th><th>LC50</th></tr></thead><tbody><tr><td>A</td><td>3</td><td>3</td><td>N. Av.</td><td>ND</td><td>ND</td></tr><tr><td>B</td><td>800</td><td>800</td><td>N. Av.</td><td>ND</td><td>ND</td></tr><tr><td>C</td><td>50</td><td>25</td><td>N. Av.</td><td>ND</td><td>ND</td></tr></tbody></table> <b>Teratogen, Mutagen, Reproductive Toxin Status:</b> No conclusive data available. <b>Toxicologically Synergistic Products:</b> N. Av.	Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50	A	3	3	N. Av.	ND	ND	B	800	800	N. Av.	ND	ND	C	50	25	N. Av.	ND	ND
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<b>SECTION XII - ECOLOGICAL INFORMATION</b> <b>Ecotoxicological Information:</b> N. Av. <b>Chemical Fate Information:</b> N. Av.																								
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b> <b>Waste Disposal Method:</b> Dispose of spilled material in accordance with local, state and federal regulations. <b>RCRA Hazard Class:</b> N. Av.																								
<b>SECTION XIV - TRANSPORT INFORMATION</b> <b>Shipping Classification:</b> ORM D Consumer commodity <b>UN Number:</b> N. Av. <b>Packing Group:</b> N. Av.																								
<b>SECTION XV - PREPARATION DATA</b> <b>Prepared By:</b> Ron Camp <b>Telephone Number:</b> 651-481-1900 <b>Date:</b> 4-12																								
<b>SECTION XVI - REGULATORY INFORMATION</b> <b>US Federal Regulations</b> <b>TSCA Status:</b> All ingredients listed. <b>CERCLA Reportable Quality:</b> N. Av. <b>SARA Title III</b> <b>Section 302 Extremely Hazardous Chemicals:</b> None <b>Section 311/312 Hazard Category:</b> Immediate health, chronic health, fire. <b>Section 313 Toxic Chemicals:</b> 2-butoxyethanol <b>State Regulations</b>  <b>International Regulations</b> <b>WHMIS Controlled Product Hazard Class:</b>																								
<b>SECTION XVII - OTHER INFORMATION</b> None  N. Av. - Not Applicable; N. Av. - Not Available																								

## NFPA SYSTEM

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

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