

# 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> Multi-Scrub Creme Cleanser <b>Product Class:</b> Mild abrasive cleaner <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>	
<b>Chemical</b>	<b>Common Name(s)</b> %
A	Silica Abrasive 25 - 40 CAS #14808-60-7
B	Lauramine Oxide 1 - 3 CAS #1643-20-5
C	Aqueous Acrylate Emulsion 1 - 5 CAS # (Proprietary)
D	Water 60 - 100 CAS #7732-18-5
<b>SECTION III - HAZARDS IDENTIFICATION</b>	
<b>Emergency Overview</b>	
<b>Appearance and Odor:</b> Viscous cream color liquid, fresh fragrance. <b>Primary Hazards:</b> Irritant	
<b>Potential Health Hazards</b>	
<b>Route(s) of Entry:</b> <b>Skin Absorption:</b> X <b>Ingestion:</b> X <b>Inhalation:</b> X <b>Eye:</b> May cause irritation on contact. <b>Skin:</b> Prolonged or repeated contact may cause irritation. <b>Ingestion:</b> Harmful if swallowed. <b>Inhalation:</b> Overexposure to vapors may be irritating. <b>Signs and Symptoms of Exposure:</b> Irritation. <b>Carcinogenicity:</b> NTP? No IARC Monographs? No <b>OSHA Regulated?</b> No <b>Target Organ (s):</b> Eyes & Skin. <b>Medical Conditions Generally Aggravated by Exposure:</b> N. Av. <b>Health Hazards, Chronic:</b> N. Av.	
<b>SECTION IV - FIRST AID MEASURES</b>	
<b>Emergency and First Aid Procedures:</b>	
<b>If Swallowed:</b> Do not induce vomiting. If person can swallow, give several glasses of water. Obtain immediate medical attention. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes. Get immediate medical attention. <b>Skin Contact:</b> Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. <b>Inhalation:</b> Remove to fresh air. If irritation persists, obtain medical attention. <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. <b>Flash Point (method used):</b> None <b>Flammable Limits:</b> N. Ap. LEL UEL <b>Extinguishing Media:</b> N. Ap. <b>Water?</b> <b>Foam?</b> <b>Water Fog?</b> <b>Alcohol Foam?</b> <b>CO<sub>2</sub>?</b> <b>Dry Chemical?</b> <b>Vaporizing Liquid?</b> <b>Other?</b> <b>Special Fire Fighting Procedures:</b> N. Ap. <b>Unusual Fire and Explosion Hazards:</b> N. Av. <b>TDG Flammability Classification:</b> Non-flammable <b>Sensitivity to Mechanical Impact:</b> None <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> 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> Normal care in handling and storage. <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 <b>Ventilation:</b> <b>Local Exhaust:</b> Not required <b>Special:</b> Not required <b>Mechanical (General):</b> Normal good ventilation sufficient. <b>Other:</b> Not required <b>Protective Gloves:</b> Chemical resistant rubber. <b>Eye Protection:</b> Approved safety goggles or glasses. <b>Footwear:</b> Not required <b>Other Protective Clothing or Equipment:</b> Not required <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> Approximately 212°F (100°C) <b>pH:</b> 10-11 <b>Specific Gravity (H<sub>2</sub>O) = 1:</b> 1.18 <b>% Volatile:</b> > 60 <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 Coefficient:</b> N. Av. <b>Solubility in Water:</b> Complete <b>Vapor Pressure (MM HG):</b> N. Av. <b>Melting Point:</b> N. Ap.	
<b>SECTION X - STABILITY AND REACTIVITY</b>	
<b>Stability:</b> <b>Unstable:</b> <b>Stable:</b> X <b>Conditions to Avoid:</b> N. Ap. <b>Incompatibility (materials to avoid):</b> N. Av. <b>Hazardous Decomposition or By-products:</b> <b>Hazardous Polymerization:</b> <b>May occur:</b> <b>Will not occur:</b> X	
<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	1 mg/m <sup>3</sup> 1 mg/m <sup>3</sup> N. Ap. 4,400 mg/kg (rat, oral) 7.7 mg/L (rat, 4 hrs.)
B	N. Ap. N. Ap. N. Av. 1-5 gm/kg (rat, oral) N. Av.
C	N. Ap. N. Ap. N. Av. N. Av. None
D	None None N. Av. None None
<b>Teratogen, Mutagen, Reproductive Toxin Status:</b> No <b>Toxicologically Synergistic Products:</b> N. Av.	
<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> Neutralize and dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations. <b>RCRA Hazard Class:</b> None	
<b>SECTION XIV - TRANSPORT INFORMATION</b>	
<b>Shipping Classification:</b> US. DOT: Compound, Cleaning Liquid, N.O.I. <b>UN Number:</b> N. Ap. <b>Packing Group:</b> N. Ap.	
<b>SECTION XV - PREPARATION DATA</b>	
<b>Prepared By:</b> Mike Elms <b>Telephone Number:</b> 651-481-1900 <b>Date:</b> 12-09	
<b>SECTION XVI - REGULATORY INFORMATION</b>	
<b>US Federal Regulations</b> <b>TSCA Status:</b> All ingredients listed. <b>CERCLA Reportable Quality:</b> None <b>SARA Title III</b> <b>Section 302 Extremely Hazardous Chemicals:</b> None <b>Section 311/312 Hazard Category:</b> None <b>Section 313 Toxic Chemicals:</b> None <b>State Regulations</b>  <b>International Regulations</b> WHMIS Controlled Product Hazard Class: D2B	
<b>SECTION XVII - OTHER INFORMATION</b>	
None  N. Ap. - Not Applicable; N. Av. - Not Available	

## NFPA SYSTEM

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

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