MATERIAL SAFETY DATA SHEET
(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): Non-Butyl Plus
Product Class: Water-based degreaser
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Manufacturer’s Name and Address: Multi-Clean®
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS
Hazardous Components (Specific Chemical Identity):
Chemical Common Name(s) %
A Sodium Metasilicate Pentahydrate 1 – 5
CAS #6834-92-0
B Ethoxylated Alcohol 1 - 5
CAS #34386-01-1
C Dipropylene Glycol Methyl Ether 1 - 5
CAS #34590-94-8
D Propylene Glycol n-Butyl Ether 1 - 5
CAS #5131-66-8
E Water 60 - 100
CAS #7732-18-5

SECTION III - HAZARDS IDENTIFICATION
Emergency Overview
Appearance and Odor: Blue liquid, mild solvent odor.
Primary Hazards: Corrosive
Potential Health Hazards:
Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X
Eye: May cause chemical burns.
Skin: May cause chemical burns.
Ingestion: May be harmful if swallowed.
Inhalation: Overexposure to vapors may be harmful.
Signs and Symptoms of Exposure: Irritation on direct contact.
Carcinogenicity: NTP? No IARC Monographs? No
OSHA Regulated? No Target Organ(s): Skin, eyes, respiratory system. Gross exposure to vapors may affect central nervous system, liver and kidneys.
Medical Conditions Generally Aggravated by Exposure: N. Av.
Health Hazards, Chronic: Over exposure to Dipropylene Glycol Monomethyl Ether or its components has apparently been found to cause the following effects in laboratory animals: Mild, reversible liver effects.

SECTION IV - FIRST AID MEASURES
Emergency and First Aid Procedures:
If Swallowed: Do not induce vomiting. If the person can swallow, give several glasses of water. Obtain immediate medical attention. Eye Contact: Flush eyes with running water for at least 15 minutes. Obtain medical attention immediately. Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
Sources Used: Raw material data, general toxicity from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES
Water? Foam? Water Fog?
Alcohol Foam? CO2? Dry Chemical?
Vaporizing Liquid? Other?
Unusual Fire and Explosion Hazards: N. Av.
TDG Flammability Classification: Non-flammable
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None

SECTION VI - ACCIDENTAL RELEASE MEASURES
Steps to be Taken in Case Material is Released or Spilled:
Dike and contain spill with inert material (sand, earth, etc.). Collect spill with mop. Absorbent material (example: floor-dr) or vacuum. Thoroughly rinse affected area with water.

SECTION VII - HANDLING AND STORAGE
Precautions to be Taken in Handling and Storing:
Normal care in handling and storage.
Other Precautions: Keep out of reach of children. Keep from freezing.

SECTION VIII - EXPOSURE CONTROLS/PERSOAL PROTECTION
Respiratory Protection (Specify Types): Not required Ventilation: Local Exhaust: Not required Special: Not required Mechanical (General): Ventilate to keep vapor levels below PEL and TLV, listed in Section XI. Other: Not required
Protective Gloves: Natural rubber or synthetic.
Eye Protection: Approved safety goggles or glasses.
Footwear: Chemical resistant

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS
Boiling Point: Approximately 212°F Specific Gravity (H20) = 1: 1.05 % Volatile: > 75
Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution
Solubility in Water: Complete Coefficient: N. Av.
Vapor Pressure (MM HG): N. Av.

SECTION X - STABILITY AND REACTIVITY
Stability: Unstable Conditions to Avoid: X
Incompatibility (materials to avoid): N. Av.
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur: Will not occur: X

SECTION XI - TOXICOLOGICAL INFORMATION
Chemical OSHA PEL ACGIH TLV Recom, LD50 LC50
A N. Ap. N. Ap. 2 mg/M3 800 mg/kg N. Av.
B N. Av. N. Av. N. Av. 0.7-1.7 gm/kg N. Av.
C 100 ppm 100 ppm N. Av. 5.6 gm/kg >33,000 ppm
D None None N. Av. 3.300 mg/kg N. Av.

TERATOGEN, MUTAGEN, REPRODUCTIVE TOXIN STATUS: No known relevance to humans. TOXICologically SYNERGISTIC PRODUCTS: N. Av.

SECTION XII - ECOLOGICAL INFORMATION
Ecotoxicological Information:

SECTION XIII - DISPOSAL CONSIDERATIONS
Waste Disposal Method:

SECTION XIV - TRANSPORT INFORMATION
Shipping Classification: Corrosive liquid, basic inorganic, N.O.S. (Containing sodium metasilicate), Class 8
UN Number: 3266
Packing Group: II

SECTION XV - PREPARATION DATA
Prepared By: Ron Camp
Prepared For: Ron Camp
Preparation Date: 4-12

SECTION XVI - REGULATORY INFORMATION
US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quality: N. Av.
SARA Title III
Section 302 Extremely Hazardous Chemicals: None
Section 311/312 Hazard Category: Immediate health, chronic health.
Section 313 Toxic Chemicals: None
State Regulations
International Regulations
WHMIS Controlled Product Hazard Class: E

SECTION XVII - OTHER INFORMATION
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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