

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 8/13/2002

Code: 5535

SECTION 1 - PRODUCT IDENTIFICATION			
Distributor: Nuance Solutions	Emergency Phone: 1-800-621-8553		
Address: 900 East 103rd Street, Chicago, IL 60628			
Trade Name: Toilet Bowl Cleaner	Product Type: Acid Tile Cleaner		
SECTION 2 - INGREDIENTS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Organic Acid Salt	Proprietary	<8%	None Established
Nonionic Surfactant	68551-12-2	<5%	None Established
SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting requirement.			
SECTION 3 - PHYSICAL DATA			
Boiling point (°F.): 212°F	Specific Gravity (H2O=1.0): 1.0 ± 0.005	pH: 0.75	± 0.5
Vapor Pressure (mm Hg): Not Determined	Vapor Density (Air=1): Not Determined		
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. H2O): <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same Appearance and Odor: Clear, viscous green colored liquid with mint odor.			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling Flammable Limits: N/A Upper Lower			
Extinguishing Media: Product is noncombustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.			
Special Firefighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards: None			
SECTION 5 - REACTIVITY DATA			
Stability: Stable Incompatibility: Alkalis; oxidizing or reducing materials; combustible materials.			
Hazardous Decomposition Products: Burning may produce oxides of carbon, nitrogen, chlorine and other substances.			
SECTION 6 - HEALTH HAZARD DATA			
Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other			
Signs and Symptoms of Overexposure (Acute): Direct contact with eyes may cause sever irritation, pain, swelling of conjunctiva and possible corneal damage if not promptly treated. May cause skin irritation with prolonged or repeated contact. Harmful of fatal if ingested - can cause severe irritation or burns of the mouth, nose, throat and stomach along with nausea and vomiting.			
Signs and Symptoms of Overexposure (Chronic): Chronic local effect may consist of drying and defatting of skin and dermatitis.			
Medical Conditions Aggravated by Overexposure: An existing dermatitis.			
Carcinogen or Suspect Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE			
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately.			
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.			
Ingestion: Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.			
Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: Not required under normal use conditions with good general ventilation. Protect against generated mists/spray back.			
Ventilation Requirements: Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other Eye Protection: Safety Glasses/Goggles			
Protective Gloves: Rubber Other Protective Clothing: Protective impervious clothing appropriate to minimize contact (i.e.: boots, apron, faceshield) depending on operation.			
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled: Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle, or proper disposal.			
Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken In Handling and Storage: No special requirements if product is handled according to good manufacturing practices. Do not store in metal containers, especially aluminum. Do not store at temperatures above 120F. Keep container closed when not in use. Wash thoroughly after handling.			

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME