

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

DATE PREPARED: 4/17/2008

Code: 6360

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Nuance Solutions	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60609	Prepared By: DR
Trade Name: ACID CD CLEANER / SANITIZER	Product Type: Cleaner/Sanitizer

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Phosphoric Acid	76654-38-2	30%	1mg/M3(TWA); 3ppm(STEL)
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	5.0%	None Established
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	5.0%	None Established
Nonylphenolpolyethoxyethanol	9016-45-9		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): 1.180 ± 0.005	pH: 1.0 ± 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"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear liquid with characteristic 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 non-combustible. 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: Strong alkalis; strong oxidizers
Hazardous Decomposition Products: Burning may produce phosphorous oxides and oxides of carbon.	

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms of Overexposure (Acute): Corrosive material. Prolonged or repeated contact with skin or eyes can cause severe damage. Generated mists may be extremely irritating to skin, eyes and respiratory tract. Harmful or fatal if swallowed.	
Signs and Symptoms of Overexposure (Chronic): Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant 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 with water for at least 15 minutes and call a physician.	
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.	
Ingestion: If swallowed, drink promptly large quantities of water. Avoid alcohol. 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. Avoid generated mists unless protected in full.	
Ventilation Requirements: <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection: Safety Glasses/Goggles
Protective Gloves: Rubber	Other Protective Clothing: Protective clothing appropriate to minimize contact (apron, boots - if necessary)

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken If Released or Spilled: Safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.	
Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations. See label for specifics.	

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage: Do not contaminate water, food or feed by storage and/or disposal. Store in a dry place no lower in temperature than 50°F or higher than 120°F. Do not reuse empty container. Pesticide wastes are actively hazardous - see product label for additional storage/disposal instructions.	
--	--

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	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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