

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

DATE PREPARED: 3/1/2007

CODE: 1172

SECTION 1 - PRODUCT IDENTIFICATION			
Distributor Actiblend Systems, A Division of Nuance Solutions	Emergency Phone 800.309.5869		
Address 900 East 103rd Street, Chicago, Illinois 60628	Prepared By: DR		
Trade Name FORMULA TWENTY FINISHED CONCENTRATE	Product Type Low pH Cleaner/Degreaser		
SECTION 2 - INGREDIENTS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Nonionic Surfactant	34398-01-1	1-5%	None Established
Triethanolamine	102-71-6	1-5%	None Established
Tetrapotassium Pyrophosphate	7320-34-5	1-5%	None Established
SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting.			
SECTION 3 - PHYSICAL DATA			
Boiling point (°F.) 212°F	Specific Gravity (H2O=1.0) 1.03 ± 0.005	pH 9.5 ± 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, colorless 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 noncombustible. Treat for surrounding materials.			
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 acids/oxidizers.		
Hazardous Decomposition Products Burning may produce oxides of carbon 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 mild to moderate irritation with local redness & swelling of conjunctiva. Prolonged or repeated skin contact may cause slight irritation. Ingestion may cause irritation of mouth and throat, abdominal discomfort, nausea and diarrhea.			
Signs and Symptoms of Overexposure (Chronic): None currently known.			
Medical Conditions Aggravated by Overexposure None currently known.			
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 Immediately flush material out with large amounts of water for at least 15 min. holding lids apart (contact lenses should be removed). Seek medical attention immediately.			
Skin Wash affected areas with large amounts of soap and water. If irritation persists call a physician.			
Ingestion Do not induce vomiting. Dilute by drinking plenty of water. Seek immediate medical attention.			
Inhalation Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection Not required under normal use conditions with good general ventilation.			
Ventilation Requirements Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection Safety Glasses/Goggles		
Protective Gloves Rubber/PVC <input type="checkbox"/> Other Protective Clothing	No special requirements - work clothing appropriate to minimize contact/reduce exposed skin area.		
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken If Released or Spilled Safely contain spill if possible. Contain with absorbent such as clay or soil. Salvage and return to container, process or recycle for other uses.			
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 Keep out of reach of children. Keep container closed when not in use. Wash thoroughly after handling. DOT Classification: Not Regulated			

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	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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