

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 10/15/2007

Code: 1576

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor: <b>Nuance Solutions</b>	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By:
Trade Name: <b>Tempest Low Foam Degreaser</b>	Product Type: Parts Cleaner and Detergent

## SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Sodium Metasilicate	6834-92-0	1-5%	None Established
Nonionic Surfactant	68551-12-2	2-5%	None Established
Tetrapotassium Pyrophosphate	7320-34-5	5-10%	None Established
Monoethanolamine	141-43-5	1-5%	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): 1.143 ± 0.005	pH: 13.5 ± 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"/> <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear, colorless to slightly straw colored liquid with no distinct 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: Acids/Oxidizers. Do not mix with chlorinated detergents or sanitizers.
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 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 severe irritation & pain with marked redness & swelling of conjunctiva. May injure eye tissue if not promptly removed. Prolonged or repeated skin exposure may cause moderate irritation & reddening. Ingestion may cause moderate to severe irritation of mouth, throat & stomach along with nausea & vomiting.	
Signs and Symptoms of Overexposure (Chronic): None currently known.	
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/PVC	Other Protective Clothing: Protective clothing appropriate to minimize contact during specific operations.

## 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: Wash thoroughly after handling. Do not get in eyes, on skin or clothing. Keep container closed when not in use.	
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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