

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 8/23/2007

Code: 1171

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Nuance Solutions	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By:
Trade Name: Citrus Fastbreak	Product Type: Cleaner/Degreaser

SECTION 2 - INGREDIENTS

CHEMICAL NAME/Common Name	CAS NO.	PERCENT (optional)	TLV (Source)
Tetrapotassium Pyrophosphate	7320-34-5	1-5%	None Established
Nonionic Surfactant	68603-25-8	1-5%	None Established
D-Limonene	5989-27-5	1-10%	None Established
Dipropylene Glycol Methyl Ether	34590-94-8	1-10%	100ppm(TWA) ; 150ppm (STEL)

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting requirement.

SECTION 3 - PHYSICAL DATA

Boiling point (°F): 212	Specific Gravity (H ₂ O=1.0): 1.0 ± 0.005	pH: 9.7 ± 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. H ₂ O): <input type="checkbox"/> <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Appearance and Odor: Colored liquid with citrus 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: This product is not combustible. Water spray, foam, CO ₂ or dry chemicals may be used in areas where this 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 acids/oxidizers. Do not mix with chlorinated detergents (bleach).
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 and swelling of conjunctiva. Prolonged or repeated skin contact may cause irritation. Ingestion may cause irritation of mouth, throat and stomach with possible nausea and vomiting. Excessive inhalation of vapors may cause respiratory tract irritation and central nervous system effects including headache and nausea.
Signs and Symptoms of Overexposure (Chronic): Repeated or extended exposure may cause an allergic skin reaction.
Medical Conditions Aggravated by Overexposure: An existing dermatitis and respiratory disorders.
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: Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention.
Inhalation: Not an expected route of exposure. If vapors or mists cause irritation, remove subject to fresh air.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal use conditions with ventilation sufficient to control vapors/mists below regulatory limits.
Ventilation Requirements: Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/> Eye Protection: Safety Glasses/Goggles
Protective Gloves: Rubber/PVC Other Protective Clothing: Impervious protective clothing appropriate to minimize contact (ie: 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. Keep container closed when not in use. Wash thoroughly after handling.
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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	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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