



MATERIAL SAFETY DATA SHEET

Trade Name: Restaurant Emulsifier Degreaser	Product Code: NSF-1100	Purpose: Non abrasive, effective grease cleanup
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SECTION 1 – PRODUCT SOURCE AND IDENTITY

Manufactured For: NU-SAFE FLOOR SOLUTIONS INC.. PO Box 663 Florence, KY 41022-0663	Emergency Telephone No: (800)255-3924 (800)275-7771 NU-SAFE FLOOR SOLUTIONS INC. Product Information: 859-493-0701 Proprietary Formula	Code: CM15137
Date Issued: 6/10/05		

SECTION 2 – SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number	
	Not regulated
Labels required per 49 CFR 172.101:	None
Size for "Limited quantity" per 49 CFR 173.150-4:	Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package.

SECTION 3 – SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313; 40 CFR 372, 29 CFR 1910.120		Exposure Limit Values				
CAS #	313	Material or Component	%	RQ#	TWA	STEL
1310-58-3	No	Potassium Hydroxide	< 5	1000	Ceiling 2 mg/m ³	
111-76-2	Yes	2-Butoxy ethanol	< 10	None	25 ppm	Skin 500 ppm
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2000" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.						
California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any have been neutralized or denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 25501(k) & (l); CCR Title 22; Sec 66261.21-.24; and Appendix X of 22 CCR Chapter 11, Article 4.						
Emergency overview: Caustic liquid cleaner. Use standard industrial good practices.						
Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8 & 173	
Immediate	Yes	No	No	No	OSHA 29 CFR 1910.1200 and	
Delayed	No	XXX	XXX	XXX	SARA 302/311/312/313.	
HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other NA						
NFPA Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA						
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4						
Threshold limit value: Not established on product.						
TOSCA Status: All ingredients listed				CERCLA RQ: See Sec 2.		
California Prop. 65: None				Ingredients on cancer lists: None		
Reproductive implications: None						

SECTION 4 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear red liquid	Flash point deg. F (cc):	None
Odor:	Characteristic	Initial boiling point deg. C:	NA
Specific gravity:	> 1	Vapor pressure 20 deg C:	NA
pH reaction:	Alkaline	Freezing point deg. C:	NA
% phosphorous:	None	Solubility in water:	100%
VOC Content:	86 g/l		
California Rule 102 (66): Contains no photo chemically active materials.			

SECTION 5 – SAFE HANDLING AND STORAGE

General	Caustic liquid cleaner. Keep off of skin and out of eyes. Use standard industrial good practices.
Protective equipment	
Eyes Skin	Safety glasses or goggles should be worn if there is possibility of eye contact. Impermeable gloves such as rubber, PVC or neoprene are recommended.
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.

Ventilation	A well-ventilated work environment is recommended.
Other	None

SECTION 6 – HEALTH SAFETY DATA

Effects of acute or chronic over exposure	
Eyes	Irritating to eyes. No chronic effects known.
Skin	Can cause irritation from repeated exposure.
Inhalation Ingestion	Mists may be irritating to breathing passages. Not a likely source of chronic exposure.

SECTION 7 – PHYSICAL STABILITY AND REACTIVITY DATA

Explosive limits		Flash point:	See Sec 4
Upper ND	Lower ND	Conditions to avoid:	None known
Chemical stability	Stable XX	Hazardous decomposition products:	
	Unstable	None known	
Hazardous polymerization	May occur	Incompatibility:	Will corrode soft metals.
	Cannot occur X		

SECTION 8 – EMERGENCY RESPONSE PROCEDURES

Fire	Extinguishing media	Use equipment appropriate to the main cause of the fire.
	Special procedures	None
	Unusual hazards	None
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention. See Sec. 6.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion	Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.
Spills	Small / large spill	Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

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