

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	LIQUID LAUNDRY DETERGENT				
PRODUCT CODE	1343	ISSUE DATE	11-17-06	SUPERSEDES	11-10-99

MANUFACTURER Spurrier Chemical Companies, Inc.
ADDRESS P.O. BOX 2812
CITY, STATE, ZIP Wichita, KS 67201

EMERGENCY TELEPHONE NUMBERS
Medical Information: (800) 228-5635 x 103
Transportation and Product Information: (800) 424-9300

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
Monoethanolamine	141-43-5		3 ppm	3 ppm	
Sodium Dodecylbenzene Sulfonate	25155-30-0		N/A	N/A	

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Alkaline cleaning compound. Irritating to eyes, skin and mucous membranes. Harmful if swallowed.
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POTENTIAL HEALTH EFFECTS

INGESTION	Irritating to tissues of mouth and gastrointestinal tract.
INHALATION	No harmful effects expected.
EYE CONTACT	Moderately to strongly irritating
SKIN CONTACT	Moderately irritating.

SECTION 4 – FIRST AID MEASURES

INGESTION	DO NOT INDUCE VOMITING. Rinse mouth with water, then immediately drink a large quantity of water or milk. Consult a physician. Never give anything by mouth to an unconscious person.
INHALATION	Remove to fresh air. Provide oxygen if breathing is difficult. Consult a physician if symptoms persist.
EYE CONTACT	Remove any contact lenses. Immediately flush eyes with plenty of cool, running water. Continue flushing for fifteen minutes. Consult a physician.
SKIN CONTACT	Immediately flush skin with plenty of cool, running water, then wash with soap and water. Consult a physician if irritation persists. Remove and wash affected clothing before reuse.
NOTE TO PHYSICIAN	N/A

SECTION 5 – FIRE FIGHTING MEASURES

FLASHPOINT/METHOD	None to boiling.	FLAMMABLE LIMITS	N/A
EXTINGUISHING MEDIA	Non-combustible. Use media relevant to primary cause of fire – CO ₂ , water or dry chemical.		
SPECIAL FIRE FIGHTING PROCEDURES	None required.		
FIRE AND EXPLOSION HAZARDS	None.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Flush to drain or sewer with plenty of water. Mop area and rinse with water. Large spills: Dike or dam and pump to container, or contain on an inert absorbant. Sweep up and dispose of as dry waste in a suitable landfill, or as permitted by local regulations.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Alkaline material. Handle as for all strong chemicals. Keep containers tightly closed when not in use. Wash hands after using.
STORAGE PRECAUTIONS	Keep containers tightly closed. Store in a cool, dry location away from soft metals and sources of ignition.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

HYGIENIC PRACTICES	Handle with care, avoiding contact with eyes, skin or clothing. Wash hands after using.
ENGINEERING CONTROLS	None required.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR	
X GOGGLES/FACE SHIELD	Optional, but recommended.
APRON	
X GLOVES	Optional.
BOOTS	

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, medium red, foaming liquid.	BOILING POINT	Approx. 215 F
ODOR	Mild detergent.	FREEZING POINT	Approx. 30 F
pH	11.4-12.0	VAPOR PRESSURE	N/A
SPECIFIC GRAVITY	1.02	VAPOR DENSITY	N/A
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	As for water.

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Avoid contact with acidic or oxidizing materials, "soft" metals (aluminum, zinc, brass).					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide and carbon dioxide, if heated to dryness and ignited.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	N/A					

SECTION 11 – TOXICOLOGICAL INFORMATION**CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	Irritant effects on eyes, skin, mucous membranes, as described in section 3.
CHRONIC	None known.

SECTION 12 – ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD/COD VALUE	Unknown					
ECOTOXICITY	Unknown					

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Spent use solutions may be flushed to drain or sewer with water. For large quantities of waste product concentrate, dispose of as described under "large spills" in Section 6. Consult federal, state and local regulations. Triple rinse container before disposal.					
RCRA CLASSIFICATION	Unknown					
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE
					NO	

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	N/A					

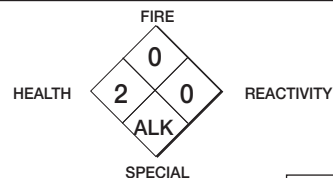
SECTION 15 – REGULATORY INFORMATION**REGULATORY STATUS**

	EPA REGISTERED (UNDER FIFRA)		FDA REGULATED
X	KOSHER		SARA TITLE III MATERIAL
	USDA AUTHORIZED		

SECTION 16 – OTHER INFORMATION**NFPA CLASSIFICATION**

2	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
X	WHITE	SPECIAL HAZARD

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



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