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FREEMAN Mfg. & Supply Co.
 1101 MOORE ROAD
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125-

MATERIAL SAFETY DATA SHEET

SOLD BY: THE L.S. STARRETT COMPANY
 BOX 1268, BOGGS DRIVE
 MOUNT AIRY, NC. 27030
 Telephone: (919) 789-5141

HEALTH: 1
 FLAMMABILITY: 0
 REACTIVITY: 0

HAZARD RATINGS
 0=Least
 1=Slight
 2=Moderate
 3=High

MANUFACTURED BY: SURRY CHEMICALS, INC.
 P.O. BOX 1447
 241 HICKORY STREET
 MOUNT AIRY, NC. 27030
 Telephone: (910) 786-4607 Location #1
 EMERGENCY TELEPHONE: (800) 424-9300

PERSONAL PROTECTION: A

STARRETT EDP# 81B23

PRODUCT NAME: STARRETT CLEANER

SECTION I

Manufacturers Name: Surry Chemicals, Inc.
 Address: P.O. Box 1447, 241 Hickory St. Mt. Airy, NC. 27030
 Chemical Name: Formulated Mixture
 Generic Family: Cleaner
 Formula ID Number: 3180 - Proprietary
 Date Prepared/Updated: 05-28-96
 Name of Preparer: Sherman H. Sheppard

SECTION II - HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS

CAS. NO.	CHEMICAL NAME	OSHA STEL	OSHA PEL	ACGIH TLV	LD50	MAX%
68131-40-8	Nonionic Surfactants			N/A		1.0
34590-94-8	Dipropylene glycol monomethyl ether			100 ppm		2.0
1310-58-3	Potassium Hydroxide			2 mg/m3	X	.5*
64-02-8	EDTA			N/A		.25
52953-36-3	Direct Red 243	N/A	N/A	N/A	N/A	.01

NOTE: * REFER TO SECTIONS VIII AND IX

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H2O=1): 1.00
 Vapor Pressure (mm Hg): 1.0
 Vapor Density (Air=1): 1.0
 Percent Volatile (by Volume): 96%
 Solubility in Water: Disperses
 Appearance: Clear Chemical
 Boiling Point: 100 Deg. C
 Melting Point: N/A Deg. C
 Evaporation Rate: Like Water
 Odor: Chemical

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Deg. C)/Method Used: None
 Extinguishing Media: Foam, CO2, Dry Chemicals
 Special Fire Fighting Procedures: None Known
 Unusual Fire and Explosion Hazards: None Known
 Flammable Limits: N/A

SECTION V - REACTIVITY DATA

Stability: Stable
 Incompatibility (Materials to Avoid): Strong acids, oxidizing agents
 Hazardous Decomposition of Byproducts: None
 Hazardous Polymerization: None

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation?: Low
 Skin?: Low
 Ingestion?: Low
 Eyes?: Low

Health Hazards (Acute and Chronic): None expected when used as directed.

Detergent action causes skin dryness & irritation.

Carcinogenicity:

NTP?: No
 IARC Monographs?: No
 OSHA Regulated?: No

Signs and Symptoms of Exposure:

Inhalation: None Known
 Skin contact: None Known
 Ingestion: None Known
 Eye contact: None Known

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures:

Inhalation: Immediately remove to fresh air, get medical attention.
 Skin contact: Wash with water
 Ingestion: Get medical attention
 Eye contact: Flush with water, get medical attention

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in Case Material is Released or Spilled:

Small Spills: Flush to nearest chemical sewer after neutralization with 6N HCL or vinegar.
 Large Spills: Absorb on suitable material, scoop up and neutralize with 6N HCL or vinegar.

Waste Disposal Method:

Disposal must be in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing:

Handle with due care.

Other Precautions:

Use rubber gloves and eye protection.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required

Ventilation: No Local Exhaust: No

Forced Exhaust: No

Protective Gloves: Use rubber gloves or equivalent.

Eye Protection: Chemical safety glasses.

Other Protective Clothing or Equipment: None Required

Work/Hygienic Practices: Handle with due care.

SECTION IX - REGULATORY INFORMATION & REFERENCES

SARA TITLE III REPORTING REQUIREMENTS

SECTION 304 Reporting required if above 200000 pounds

SECTION 313 Reporting required: No

CERCLA Reporting required if above 200000 pounds

RCRA Reporting required: No

OTHER

Biodegradability: Complete

Shipping Name: Cleaning Compound NOS

D. O. T. Hazard Name: None

D. O. T. ID Number: None

D. O. T. Hazard Class: Not applicable

REFERENCES

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