

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0
Health: 1
Reactivity: 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address **The Fuller Brush Company - PO Box 729 - Great Bend KS 67530**

Product Name: Drain Flush

Product Number: F2115

Chemical Family: Aqueous mixture of surfactants and enzymes.

Package Size: 5 gallon

EPA Reg. No: N/A

Emergency Telephone No. 620-792-1711

Preparer: Bill Dayton

Date: 11/18/02

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Bacterial Subtilisin Protease Nonpathogenic spore forming bacterial culture (>40,000,000 colony forming units per ml)	9014-01-1	.06mcg/m3		<51
*Nonylphenol poly (ethyleneoxy) ethanol	9016-45-9	N/A	N/A	<2
*Sodium Xylene Sulfonate	1300-72-7	N/A	N/A	<1
*Sodium Hexametaphosphate	10124-56-8	N/A	N/A	<1
*Water	7732-18-5	N/A	N/A	<48

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	<input checked="" type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Liquid/Solid	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Combustible	<input type="checkbox"/>	Flammable Aerosol	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Compressed Gas	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Unstable - Reactive:	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>

Boiling Point, °F: 212 F

Solubility in Water: Complete

Evaporation Rate: 1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.018

pH: 7.0

Vapor Density: Unknown

%Volatiles by Weight: 97.4

Appearance and Odor: Greenish blue thin liquid with floral fragrance.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None to boiling

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: N/A

Special Fire: N/A

Fighting Procedures:

Unusual Fire and: None

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid:

Incompatibility: Mix only with water.
(Materials to Avoid)

Hazardous Decomposition: None

Products or Byproducts:

Hazardous Polymerization: May Occur:

Will Not Occur:

Conditions to Avoid:

Comments:

*Added to comply with the Pennsylvania Worker Right to Know Act(1984) & the New Jersey Worker/Community Right to Know Act(1983)

SECTION VI - HEALTH HAZARD DATA

Route (s) of entry:	Inhalation	<input checked="" type="checkbox"/>	Skin:	<input checked="" type="checkbox"/>	Eye:	<input checked="" type="checkbox"/>	Ingestion:	<input checked="" type="checkbox"/>
No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>			
Toxic	<input type="checkbox"/>	Irritant	<input checked="" type="checkbox"/>	Carcinogen	<input type="checkbox"/>			
Highly Toxic	<input type="checkbox"/>	Corrosive	<input type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>			

TARGET ORGANS

Lungs	<input type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input type="checkbox"/>	Liver	<input type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input type="checkbox"/>	Prostrate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input type="checkbox"/>
Carcinogenicity:	None Known	<input checked="" type="checkbox"/>	NTP:	<input type="checkbox"/>	IARC:	<input type="checkbox"/>	OSHA Regulated	<input type="checkbox"/>	

Medical Conditions Generally Aggravated by Exposure:
 Potential allergic reaction to enzymes by sensitive individuals. Individuals with impaired immune response must take proper protective measures against contact with bacteria cultures. Pre-existing eye and skin disorders may be aggravated by

Signs and Symptoms of Exposure:
 Product may cause redness and irritation of the eye.

Emergency and First Aid Procedures:
 In case of eye contact, rinse thoroughly with cool water for 15 minutes. Contact a physician if irritation persists. If ingested, contact a physician or Poison Control Center immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:
 Mop up, rinse with water.

Waste Disposal Method:
 Rinse single units and place in trash container. For multiple units, dispose in accordance with Local, State and Federal Regulations.

Potential EPA Hazardous Waste Code(s): N/A
 Steps to be taken in handling and storage:
 Keep out of direct sunlight and in cool dry place. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):
 None required

Ventilation: Local Exhaust: Special:
 Mechanical: Required

Protective Gloves: Recommended Eye Protection: Recommended

Other Protective Clothing and Equipment:
 Recommended

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:
 Not Restricted

NE = Not Established
 N/A = Not Applicable