

MATERIAL SAFETY DATA SHEET

Giant Cleaning Systems, Inc.

Date: Jan 16, 2016

TUFF JOB

Part No. GITJ6001

CAGE # 0BPG1

Section 1: PRODUCT IDENTIFICATION

Manufacturer: Giant Cleaning Systems, Inc.
2510 Church Point Highway
Rayne, La. 70578

Emergency Phone:
800-344-4268
337-334-2883
Fax: 337-334-2885

Trade Name: TUFF JOB

Product Type: Alkaline, highly concentrated degreaser for hand brushing, steam cleaning & pressure washing. Excellent for food plant & restaurants. USDA approved.

Section 2: HAZARDOUS INGREDIENTS

ALL COMPONENTS ARE PROPRIETARY INFORMATION

Hazardous Components		OSHA PEL	ACGIH TLV	Other Limits Recommended (optional)	%
Sodium Hydroxide	MG/M3	2	2	NONE	-
Ethylene Glycol Monobutyl Ether	PPM	50	25	NONE	-
Linear Alkylate Sulfonate	MG/M3	NONE	NONE	NONE	-

These hazardous components are blended to neutralize their hazardous nature after they are a finished product. D-Limonene is used to produce a safe product for the work place to protect employees and safe discharge water for the environment when used as directed. Government studies to that effect are available upon request.

HEALTH - 1
FIRE - 0

REACTIVITY - 0
SPECIFIC - ALK

SECTION 3: PHYSICAL DATA

Boiling point (° F): 215 Deg F
Vapor pressure (mm/Hg): unknown
Solubility in water: Complete
Evaporation rate (vs. H2O): unknown
Appearance and odor: Clear, purple liquid, detergent odor.

Specific gravity (H2O - 1.0): 1.11
Vapor density (air=1.0): unknown
ph = 13.2 @ 100% concentrated
12.8 @ 50%, dilution with water

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): None
Flammable limits: None
Extinguishing media: N/A

Unusual fire and explosion hazards: N/A
Special fire fighting procedures: N/A

SECTION 5: REACTIVITY DATA

Stability: Stable
Incompatibility: Acids, combustible materials and metals - Aluminum, tin, galvanized zinc, brass, and bronze.
Hazardous Decomposition Products: N/A
Hazardous Polymerization: May Occur () May Not Occur (x)

Conditions to Avoid: None known
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SECTION 6: HEALTH HAZARDS

Primary Routes of exposure: (x) Eyes (x) Skin (x) Oral (x) Inhalation () Other

Signs and Symptoms of overexposure (Acute): . Burns skin and eyes. Corrosive to the nose, throat, and mucous membranes

Signs and Symptoms of overexposure (Chronic): None known.

Medical Conditions Aggravated by Overexposures: None known.

Carcinogen or Suspect Carcinogen: None.

SECTION 7: EMERGENCY FIRST AID PROCEDURES

Eyes: In case of contact with eyes, flush with water for 20-30 minutes. Consult a physician immediately.

Skin: If irritation to the skin, flush affected area with water for 20-30 minutes. If irritation persists, consult a physician immediately.

Ingestion: If person is fully conscious, give two glasses of water. DO NOT INDUCE VOMITING. Obtain medical attention.

Inhalation: If overcome by exposure, remove victim to fresh air. Give oxygen or artificial respiration if needed. Seek medical attention immediately.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Self-contained breathing apparatus in the pressure demand mode is recommended.

Ventilation Requirements: mechanical

Other Protection: Always wear gloves, safety glasses and protective clothing.

Work/Hygienic Practices: Eyewash and safety showers should be nearby and ready for use.

SECTION 9: SPILL AND LEAK PROCEDURES

Spill Control Procedure: Wear protective clothing. Keep out of sewers. Comply with government regulations on spill reporting.

SECTION 10: STORAGE AND HANDLING INFORMATION

Shipping Procedures: Store in tightly closed containers. Wear protective clothing. Do not get on skin or eyes. Keep from freezing.

Waste Disposal Method: Use DOT-approved waste containers. Dispose according to local government regulations

Storage: Store in cool, dry, well-ventilated place. Keep containers tightly closed when not in use. Empty containers retain residue and vapors. Obey hazard warnings on empty container as if they were full.