

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communications Standard 29 CFR 1910.1200

**Product Desc:** Mop and Flop  
**Product Code** 55-2140-00 H M I S codes H F R P  
 55-2141-00 1 0 0 X (See Section VIII)

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### **Section I: Manufacturer Information**

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**Manufactured by:** N.C. Dept. of Correction, NCCE Janitorial Products Plant  
**Mailing Address:** 231 Soul City Blvd.  
**City/State/ Zip:** Norlina, NC 27563  
**For Emergency:** CHEMTREC 1-800-424-9300  
**Date Prepared:** October 19, 2010 **Date Revised:** N/A  
**Contact For Technical Information:** Plant Manager  
**Telephone:** (252) 456-1168 **Fax:** (252) 456-2907

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### **Section II: Composition/Information on ingredients and exposure guidelines**

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	CAS NO.	Typical % By Weight	OSHA PEL	ACGIH TLV
Viable Bacterial Cultures	N/A	< 8.00	N/A	N/A
*Surfactant	Proprietary	<12.00	NE	NE
EDTA	64-0208	<5.00%	NE	NE
Proxel GXL		<.10	NE	NE
Dye	Proprietary	<0.05	NE	NE
Fragrance	Proprietary	<0.2	NE	NE
Water	7732-18-5	>75.00%	N/A	N/A

No ingredients known to be carcinogenic are present.

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### **Section III: Hazards Identifications**

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### EMERGENCY OVERVIEW

**Warning:** This product is an enzyme cleaner. Do not take internally. Avoid ingestion and eye contact. It may cause mild eye and mucous membrane irritation. It may cause irritation if contact is prolonged. Rinse with water after use.

#### Potential Health Effects and Primary Routes of Entry:

**Inhalation:** Unlikely, due to physical form.

**Skin:** May cause irritation of the skin to individuals with sensitive skin. If skin irritation develops, discontinue use.

**Eyes:** May cause mild irritation of the eyes. Repeated or prolonged exposure may cause redness of the eyes.

**Ingestion:** Ingestion may cause gastrointestinal irritation with nausea, vomiting, and diarrhea.

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#### Section IV: First Aid

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**Eyes:** Immediately flush eyes with water for at least 20 minutes. Eyelids should be held away from the eyeballs to ensure thorough rinsing. Contact physician if condition persists.

**Skin:** Discontinue exposure. Immediately flush skin with plenty of water. Seek medical attention if irritation develops and persists.

**Inhalation:** Move victim to fresh air; administer artificial respiration if not breathing. Give oxygen if breathing is difficult. Trained person should give oxygen if breathing is difficult. Get medical attention.

**Ingestion:** If swallowed, give 2 glasses of water, do not induce vomiting and seek immediate medical attention. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing skin disorders may be aggravated. Product may irritate eyes and breaks in skin.

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#### Section V: Fire and Explosion Data

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**Flash Point:** Not determined (assumed to be non-combustible)

**Flammable Limits:** Not determined

**Extinguishing Media:** If this product is involved in a fire, extinguish the fire by using dry chemical, alcohol foam, or water type extinguishers. Keep containers cool with water spray to prevent container rupturing.

**Fire and Explosion Hazards:** None known

**Fire-Fighting Equipment:** Exposed firefighters should wear NIOSH approved self-contained breathing apparatuses under positive pressure and chemical-resistant protective equipment. Refer to section 8 for further information.

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**Section VI: Accidental Release Measures**

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**SMALL SPILL:** Cleanup personnel should wear appropriate equipment (See Section 8). Floor may be slippery, use care to avoid falling. Contain and sweep up material immediately and place in a non-metallic container for disposal. Dispose of waste properly (See Section 13).

**LARGE SPILL:** Untrained persons and those not wearing proper protective equipment should be excluded from the spill area until cleanup is complete. Trained cleanup personnel should wear chemical splash goggles and a face shield, rubber boots, rubber gloves, and impervious clothing. Respiratory protection could be required for controlling large spills in confined or poorly ventilated areas. Stop and control leak and keep material out of sewers and watercourses by diking or impounding with sand or absorbent materials. All cleanup residues should be collected in a non-metallic labeled container for disposal (See Section 13).

Contact CHEMTREC (800-424-9300) for technical advice and assistance relating to chemical emergencies involving this product.

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**Section VII: Handling and Storage**

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**Handling:** Do not get in eyes. Thoroughly rinse skin following use. Do not taste or swallow. Remove contaminated clothing and launder before reuse.

**Storage:** Keep containers in well ventilated area and closed when not in use. Keep away from heat and flame. Keep product in original container. Keep this and all chemicals out of reach of children. Keep from freezing.

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**Section VIII: Exposure Control/Personal Protection**

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**Respiratory Protection:** Not normally required in well-ventilated area.

**Protective Gloves:** Not needed for normal use.

**Eye Protection:** Avoid eye contact.

**Other Protective Clothing or Equipment:** Not normally required.

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**Section IX: Physical/Chemical Properties**

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**APPEARANCE**

Pink Liquid

**ODOR**

Perfume

**BOILING RANGE**

Undetermined

**VAPOR PRESSURE**

Undetermined

**SPECIFIC GRAVITY**

1.0

**VAPOR DENSITY (Air = 1)**

Undetermined

**pH**

8.0

**PERCENT VOLATILE BY VOLUME**

Undetermined

**MELTING POINT**

Not applicable

**EVAPORATION RATE**

Undetermined

**Solubility in Water**

Complete

**Color**

Pink

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**Section X: Reactivity Information**

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**Stability:** Product is stable.**Incompatibility:** None known**Hazardous Reaction/Decomposition or by Product:** None known**Hazardous Polymerization:** Will not occur.

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**Section XI: Toxicological Information**

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None present above, at or above the minimum reportable limits.

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**Section XII: Ecological Information**

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**Ecotoxicological information:** Not available for product. Product may cause foaming if concentrated amounts of product are discharged to surface waters or sewers. Keep concentrated product out of water intakes and storm sewers.**Chemical Fate Information:** Not available for product.

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**Section XIII: Disposal Consideration**

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**Waste Disposal:** Unused product is not expected to be a hazardous waste under RCRA. Used material may be subject to regulation depending on the material removed from floors. Any disposal must be in accordance with federal, state, and local regulations..

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**Section XIV: Transport Information**

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**DOT Proper Shipping Description:** None

**Dot Hazard Class / Division Label:** None

**Shipping Containers:** 1-gallon HDPE containers; 4 gallons/case; 1-quart HDPE containers, 12 quarts/case

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**Section XV: Regulatory Information**

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**OSHA Hazard Communication Standard:** None as defined under 29 CFR 1910.1200 are listed in Section II.

**Toxic Substances Control Act (TSCA):** none  
**SARA Title III:**

**Section 302 Extremely Hazardous Substances:** None

**Section 311 /312 Hazard Categories:** None

**Section 313 Toxic Chemicals:** None present at or above the minimum reportable concentrations.

**CERLA Hazardous Substances:** This product does not contain any ingredients, which have a reportable quantity (RQ).

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**Section XVI: Other Information**

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This product is for institutional use only and is not for resale.