



# SAVANNA

## CONCENTRATED NEUTRAL FLOOR CLEANER

LIMPIADOR NEUTRAL CONCENTRADO DEL PISO

### Technical Data

#### Environment, Health & Safety

- Biodegradable
- Low Toxicity
- No Phosphates
- No Ozone Depleting Compounds
- No Known Carcinogens
- No Chlorine Bleach
- No Butoxyethanol
- No Petroleum Distillates
- Low VOC Level
- Recyclable Container

#### Specifications

SSS Item Numbers .....	48101
Available Sizes .....	1G
Color .....	Pink
Fragrance .....	Mild Odor
pH .....	6.0 - 7.0
Viscosity .....	Water thin
Foam .....	Low
Solubility .....	Complete with water
Detergency .....	Excellent
Rinsability .....	Excellent
Flash Point .....	None
Biodegradability .....	Completely
Storage/Stability .....	1 year
Weight Per Gallon .....	8.53 lbs./gal
Freeze/Thaw Stability .....	Keep from freezing

#### HMIS Hazardous Materials I.D. System

Health .....	1
Flammability .....	0
Reactivity .....	0
Personal Protection .....	B

#### What the Pros Know

At 1:16 Savanna can be used as a heavy duty cleaner and at 1:256 can be used as a neutral floor cleaner.

#### Description

A very low toxicity and VOC, biodegradable, concentrated all surface cleaner. Specially designed for everyday light duty spray, wipe cleaning and floor cleaning. It removes routine soils from floors, walls and other surfaces. Excellent for use in mop and bucket cleaning or automatic floor scrubbers. Neutral pH will not harm floor finishes. No rinsing required.

#### Directions

Wear safety equipment recommended on MSDS, place Wet Floor Signs and read all directions and cautions prior to beginning your work.



**GENERAL PURPOSE CLEANER:** Dilute 8 ounces of product per gallon of water. Rinse with clean water as needed.

**MEDIUM DUTY FLOOR CLEANER:** Dilute 1 ounce of product per gallon of water. Fill bucket or automatic scrubber. Mop and or scrub with auto scrubber with cleaning solution. Pick-up soil and excess cleaner with clean mop. Rinse mops frequently and change solution as needed.

**LIGHT DUTY FLOOR CLEANER:** Dilute 1/2 ounce of product per gallon of water. Fill bucket or automatic scrubber. Mop and or scrub with auto scrubber with cleaning solution. Pick-up soil and excess cleaner with clean mop. Rinse mops frequently and change solution as needed.



*No Rinsing  
Required*

*Neutral pH  
Harmless to Floor  
Finish*

*Very Low  
Toxicity*



Certified Degreaser  
CCD-146E



**MATERIAL SAFETY DATA SHEET**

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/09 Revision: N/A

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

**Product Name:** Savanna  
**Generic Name:** Concentrated Floor Cleaner  
**Chemical Family:** Detergent/Solvent Blend  
**Formula:** Proprietary  
**Triple S Product Number:** 48101

**Manufactured For:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Primary Alcohol Ethoxylate C9	84133-50-6	10 to 15			
Amphoteric Surfactant	5324-84-5	0 to 5			
Dye	Unknown	<0.05			

**SECTION 3-PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

**Boiling Point (°F):** 212° F.  
**Vapor Pressure:** 20mm Hg @68°F.  
**% Volatile:** 80+  
**Solubility in Water:** Complete  
**Physical Description:** Thin clear pink liquid with characteristic odor  
**VOC Content:** None

**Specific Gravity:** 1.024  
**Vapor Density (Air=1):** >1  
**pH:** 6.0 – 7.0  
**Evaporation Rate (Water=1):** >1

**Flash Point (Method Used):** None  
**Upper Explosion Limit:** N/A  
**Lower Explosion Limit:** N/A  
**Extinguishing Media:** Dry chemical, CO<sub>2</sub> or water  
**Special Firefighting Procedures:** Keep fire exposed containers cool with water stream.  
**Unusual Fire and Explosion Hazards:** N/A

**SECTION 5-REACTIVITY DATA**

**Stability:** Stable  
**Hazards Decomposition Products:** Not Known

**Hazardous Polymerization:** None  
**Incompatibility (Materials to Avoid):** Strong Alkalies, Chlorine

**SECTION 6-STORAGE AND HANDLING INFORMATION**

Slight eye irritant. May cause skin irritation with prolonged or repeated contact. Keep out of reach of children. For use by trained personnel only. Wear protective gloves and eyewear when handling. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors or mists. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Effects of Overexposure:**  
**Skin:** May cause irritation with prolonged or repeated contact (dryness, redness)  
**Eyes:** Mild eye irritant. May cause conjunctivitis, redness, swelling, tearing.  
**Inhalation:** Mists may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** Irritating to the mouth and throat. May cause headache, nausea, abdominal pain.  
**First Aid Procedures:**  
**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention immediately.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

**Respiratory Protection:** No special requirements  
**Ventilation Requirements:** No special requirements  
**Protective Gloves:** Rubber gloves recommended.  
**Eye Protection:** Safety glasses recommended  
**Other Protective Equipment:** None

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

**SECTION 10-REGULATORY INFORMATION**

**SARA Title III - Section 311/312 -Hazard Categories:**  
 No - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 Yes - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

**Shipping Information:**  
 FOR CONTAINERS > 1 Gallon : Cleaning Compound  
 Non-Hazardous  
 FOR 1 GALLON CONTAINERS : Cleaning Compound  
 Non-Hazardous  
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 888-779-1339**

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
None	None	None

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
None	None	None

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product