



# AGGRESSOR

## HEAVY DUTY NO RINSE STRIPPER

Vinyl Asbestos  
Linoleum  
\*Asphalt Tile  
\*Rubber  
Terrazzo



Vinyl  
Concrete  
Sealed Wood  
Flagstone  
Ceramic Tile

### Product Description

The most effective floor finish emulsifier ever developed. Will solubilize aged and built-up finishes almost instantly. May be used as a no-scrub stripper or with a conventional floor machine and pad depending on the concentration of the product and the condition of the floor.

### Test:

<b>Active Ingredients:</b>	50.0 ± 0.5%
<b>Color:</b>	Clear
<b>Odor:</b>	Sassafras
<b>pH (concentrate):</b>	13.0 - 13.5
<b>Viscosity:</b>	Water thin
<b>Foam:</b>	Low
<b>Abrasives:</b>	None
<b>Phosphate Content:</b>	None
<b>Solubility:</b>	Complete with water
<b>Emulsification:</b>	Excellent
<b>Detergency:</b>	Excellent
<b>Rinsability:</b>	Excellent
<b>Flash Point:</b>	168°F (TCC)
<b>Biodegradability:</b>	Completely
<b>Storage/Stability:</b>	2 years
<b>Weight Per Gallon:</b>	8.27 lbs. per gallon
<b>Freeze / Thaw Stability:</b>	Keep from freezing

### Limit:

### Directions For Use

The desired concentration will depend on the build-up and age of the polish film. As a starting point dilute with cold water as follows:

**FOR AVERAGE BUILD-UPS** - Dilute 1 to 3 with cold water.

**FOR MODERATE BUILD-UPS** - Dilute 1 to 2 with cold water.

**FOR HEAVY AGED BUILD-UPS** - Dilute 1 to 1 with cold water.

**FOR USE WITH A FLOOR MACHINE** - Dilute 1 to 8-16 parts cold water.

Mop a generous solution onto the floor to be stripped. Allow solution to stand about 5 minutes keeping the floor wet at all times. If mop stripping - agitate with the mop. If using an automatic scrubber or rotary floor machine, no mop agitation is required. Pick-up the solution with a wet vacuum, automatic scrubber or clean mop. Allow floor to dry thoroughly prior to applying any sealer or finish. If desired, a rinsing step can be added.

NOTE: Asphalt tile and rubber flooring could be affected by stripping solutions in high concentrations. Always test floor before proceeding.

\* test first

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Product Name:** Aggressor  
**Generic Name:** Heavy Duty No Rinse Speed Stripper  
**Chemical Family:** Solvent Detergent Blend  
**Formula:** Proprietary

**Supplier's Name:** DeSantis Janitor Supply Co.  
**Supplier's Address:** Meadville, PA 16335  
**Supplier's Phone #:** (800) 942-1656

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-Butoxyethanol	111-76-2	40 to 50	25 ppm	25 ppm	N/A
Ethanolamine	141-43-5	0 to 5	N/A	8mg/M <sup>3</sup>	N/A
Potassium Hydroxide	1310-58-3	0 to 5	N/A	C2mg/M <sup>3</sup>	N/A
Nonionic Surfactant	9016-45-9	0 to 5			
Potassium Fluoroalkyl Carboxylate (C8)	2991-51-7	0 to 5			
Perfume Oils	N/A	< 1			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 210 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 96+  
**Solubility in Water:** Complete  
**Physical Description:** Thin liquid with characteristic odor.

**Specific Gravity:** .994  
**Vapor Density (Air=1):** >1  
**pH:** 13.0-13.5  
**Evaporation Rate (Water=1):** <1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 145 F. (TCC)  
**Upper Explosion Limit:** 10.6  
**Lower Explosion Limit:** 1.1  
**Extinguishing Media:** Alcohol foam, water fog, CO<sub>2</sub> or dry chemical.  
**Special Firefighting Procedures:** Wear self-contained breathing apparatus for confined areas. Keep fire exposed containers cool with water spray.  
**Unusual Fire and Explosion Hazards:** Vapors heavier than air.

## SECTION 5-REACTIVITY DATA

**Stability:** Stable

**Hazards Decomposition Products:** Alkaline vapors in a fire.

**Hazardous Polymerization:** None

**Incompatibility (Materials to Avoid):** Strong acids.

## SECTION 6-STORAGE AND HANDLING INFORMATION

Combustible liquid- Avoid contact with heat, spark or open flame. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear protective eyewear, gloves and footwear when handling. Avoid breathing of vapors. Use in well-ventilated area only.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**

**Skin:** Severe skin irritant. May cause moderate reddening, swelling, and possible skin damage.

**Eyes:** Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.

**Inhalation:** Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.

**Ingestion:** Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.

**Eyes:** Contact damage is immediate. Immediately 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.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use NIOSH approved organic vapor respirator or self-contained breathing apparatus in confined or poorly ventilated areas.

**Ventilation Requirements:** Provide mechanical exhaust to keep TLV of Section 2 ingredients below acceptable limits.

**Protective Gloves:** Chemical resistant rubber or neoprene.

**Eye Protection:** Chemical splash goggles or full-face shield.

**Other Protective Equipment:** Eye wash station nearby. Protective outerwear and rubber boots should be worn when using.

## 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. 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. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity and ignitability as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## 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

Yes - Delayed (chronic) Health Hazard

**Shipping Information:**

FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III

FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)

FOR CONTAINERS < 1 GALLON : ORM-D

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>3</b>
<b>Flammability</b>	<b>2</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>D</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

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
111-76-2	Glycol Ether	46%

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	

## 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