

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION

DATE ISSUED: 10/2005

**PRODUCT NAME:** ZF 33  
ZINC-FREE FLOOR FINISH

**SUPPLIER'S NAME:**  
American Cleaning Solutions

**DOT CLASSIFICATION:** None

**PRODUCT #:** 2622

**SUPPLIER'S ADDRESS:**  
39-30 Review Avenue  
Long Island City, NY 11101

**DOT SHIPPING NAME:** None

**PRODUCT TYPE:** Environmentally Friendly  
Floor Polish

**EMERGENCY PHONE:** 800-535-5053

**HAZARD RATING:**  
**HEALTH:** 1      **FLAMMABILITY:** 0  
**REACTIVITY:** 0      **PERSONAL PROTECTION:** B

**CHEMICAL FAMILY:** Polymer Blend

## SECTION 2 - INGREDIENTS INFORMATION

CHEMICAL NAME	CAS NO.	% / WT.	THRESHOLD LIMIT VALUE
STYRENE-ACRYLIC COPOLYMER	MIXTURE	TO 42	N/E
POLYETHYLENE EMULSION	MIXTURE	TO 5	N/e
DIETHYLENE GLYCOL MONOETHYL-ETHER	111-90-0	TO 4	N/E
ANIONIC SURFACTANT	PROPRIETARY	TO 1	N/E
WATER	7732-18-5	TO 47	NONE

\*An asterisk indicates the toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

## SECTION 3 - PHYSICAL DATA

## SECTION 4 - REACTIVITY DATA

**BOILING RANGE (F):** 212-220 °F      **SPECIFIC GRAVITY:** 1.03  
**VAPOR PRESSURE:** N/D      **VAPOR DENSITY:** Same as Water  
**% VOLATILE:** 78-80      **pH:** 8-8.5  
**SOLUBILITY IN WATER:** Complete      **EVAPORATION RATE:** N/A  
**PHYSICAL DESCRIPTION:** Opaque, Off-White Liquid, Acrylic Odor

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**INCOMPATIBILITY (MATERIALS TO AVOID):** None  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal products of combustion

## SECTION 5 - FIRE & EXPLOSION HAZARD DATA

## SECTION 6 - STORAGE & HANDLING INFORMATION

**FLASH POINT:** N/A  
**FLAMMABILITY:** Non-Flammable  
**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>  
**SPECIAL FIRE FIGHTING PROCEDURES:** Floor may be slippery  
**UNUSUAL AND EXPLOSION HAZARDS:** None

**SPECIAL PRECAUTIONS:** Keep out of reach of children.  
Use only in well ventilated area.  
For institutional and industrial use only.  
For use by trained personnel only.  
Store and keep in closed container, in a cool place.  
Avoid freezing.

## SECTION 7 - HEALTH HAZARD DATA

## SECTION 8 - FIRST AID PROCEDURE

**EYES:** May cause irritation.      **EXPOSURE LIMITS:** N/E  
**SKIN:** May cause irritation.      **CARCINOGENICITY:**  
**INHALATION:** May cause irritation to upper tract.      **IARC:** Not listed  
**INGESTION:** May cause irritation of mucous membranes.      **OSHA:** Not regulated  
**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:**  
Person with present skin disorder may be more susceptible to irritation.

**EYES:** Flush with running water for 15 minutes.  
**SKIN:** Wash off with soap and water.  
**INHALATION:** Remove to fresh air.  
**INGESTION:** Do not induce vomiting.  
Drink plenty of water.  
If unconscious or in convulsion, take to hospital or physician.

## SECTION 9 - PRECAUTIONS FOR SAFE HANDLING

## SECTION 10 - SPILL OR LEAK

**RESPIRATORY PROTECTION:** No special requirements.  
**PROTECTIVE GLOVES:** Chemical resistant.  
**VENTILATION:** Good ventilation required.  
**EYE CONTACT:** Goggles or Face Shield.

**SPILLAGE:** Dike & contain spill, absorb the liquid.  
**DISPOSAL:** Scoop or shovel solid material into a suitable container for recovery or disposal. Area may become slippery.  
Flush cleaned area with water.  
Dispose according to local, state and federal requirements.

N/D = Not Determined, N/E = Not Established, N/A = Not Applicable

THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.  
DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATION SAFETY AND HEALTH.