

Material Safety Data Sheet

Section 1 CHEMICAL PRODUCT SECTION

Identification: Product Name: STATICIDE® Ultra Floor Finish
Product Number: # 4600-1, 4600-2, 4600-5

Recommend use: Anti-static floor finish to be used for industrial floor applications

Manufacturer: ACL Incorporated
840 W. 49th Place
Chicago, IL 60609
PH: (01) 847.981.9212 [U.S.A.]
FAX: (01) 847.981.9278 [U.S.A.]

Emergency telephone: INFOTRAC: (01) 800.535.5053 (day or night)

Section 2 HAZARD IDENTIFICATION

NFPA HAZARD RATING: (0) Fire (1) Health (0) Reactivity

Inhalation: Prolonged exposure may produce headaches and mucous membrane irritation.

Eyes: Direct contact may cause irritation.

Skin: Direct contact may cause irritation

Ingestion: Nausea may occur

Section 3 INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL	C.A.S. Number	EC#	Weight %
Ammonium Hydroxide	1336-21-6	215-647-6	1 max
Deionized water	7732-18-5	231-791-2	65 min
Acrylate Copolymer	proprietary	proprietary	25 max
Tri(butoxyethyl) Phosphate	78-51-3	201-122-9	2 max
Glycol Ether DM	111-77-3	203-906-6	4 max
Zinc Oxide Complex	1314-13-2	215-222-5	1 max

Section 4 FIRST AID MEASURES

Inhalation: Move to fresh air and contact a physician if symptoms persist.

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Contact a physician if necessary.

Skin Contact: Wash with soap & water and rinse thoroughly. Remove contaminated clothing and shoes.

Ingestion: Induce vomiting if conscious and call a physician.

Section 5 FIRE FIGHTING MEASURES

Flash Point & Method: None or greater than 250° F
Flammable Limits:LEL: NA UEL: NA

Autoignition Temperature: Greater than 250° F

Fire Fighting Instructions: Fire fighters should wear self contained positive-pressure breathing apparatus.

Fire Fighting Equipment: dry chemical or carbon dioxide.

Hazardous Combustion Products: Toxic gases may be released.

Section 6 ACCIDENTAL RELEASE MEASURES

Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state and federal regulations.

Section 7	HANDLING AND STORAGE
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Handling: KEEP OUT OF REACH OF CHILDREN.

Wash thoroughly after handling. Launder contaminated clothing/equipment before reuse.

Storage Temperatures: Ambient (40° - 90° F)

Storage Pressure: Atmospheric

Keep away from fire & heat (any sources of ignition). Industrial use only.

Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials (See STABILITY AND REACTIVITY Section 10). Follow all MSD sheet and Label warnings even after container is emptied.

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
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OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)

	OSHA PEL	ACGIH TLV	STEL
Ammonium Hydroxide	50 ppm	25 PPM	35ppm

Engineering Controls: Local Exhaust ventilation acceptable

See section 2 for component exposure guidelines.

Personal Protection:

Respirator: If concentrations are over the exposure limit and are known, air purifying respirator with Organic Vapor Cartridges may be acceptable. Refer to cartridges for acceptable levels. If concentrations are over exposure limit and are unknown, use a supplied air respirator.

Hand Protection: Gloves Recommended: Solvex, Neoprene, Butyl, Buna, and Natural Latex are suitable

Eye Protection: Safety Glasses with side shields

Section 9	PHYSICAL AND CHEMICAL PROPERTIES
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Density.....1.0	pH..... 8 - 9
Boiling Point.....100°C / 212°F	% Volatile.....65 % water min.
Freeze / Thaw..... 3 cycles	% Solids.....20% +/- ½ %
Vapor Density (Air=1)...1	Evaporation Rate (H2O=1)...1
Solubility in Water.....Miscible	Viscosity.....NA
Odor.....Mild odor	Physical State.....Liquid
VOC< 5%	Appearance: Milky White

Section 10	STABILITY AND REACTIVITY
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General: Stable

Incompatible Materials: None

Conditions to Avoid: Keep away from fire and heat (any ignition source)

Hazardous Decomposition: Thermal decomposition on burning may produce toxic gasses.

Hazardous Polymerization: Will not occur

Section 11	TOXICOLOGY INFORMATION
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Results of Component Toxicity Test Performed:

Oral toxicity (LD₅₀): 350 mg/kg (rabbit) Ammonium Hydroxide

Human Experience:

OSHA / NTP / DHHS - This product does not contain chemicals on the 11th Report on Carcinogens (RoC)
 NIOSH: None of the chemicals are listed on the NIOSH carcinogen list.

Section 12	ECOLOGICAL INFORMATION
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This product may be harmful to aquatic life as it may contain zinc (less than 1%).

Section 13	DISPOSAL CONSIDERATIONS
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Material should not be flushed into sewer system.

RCRA 40 CFR 261 Classifications:

As packaged, if this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ.
 Ensure proper disposal compliance with proper authorities before disposal.

Section 14	TRANSPORTATION INFORMATION
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U.S. DOT Information: Basic Description: NON HAZARDOUS MATERIAL

Proper Shipping Name: NA

IATA: Proper Shipping Name: NON HAZARDOUS MATERIAL

Section 15	REGULATORY INFORMATION
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United States Federal Regulations:

MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117. 302:

This product does not contain significant quantities of materials subject to reporting requirements [Ammonium Hydroxide (1336-21-6) RQ 1000#]

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311, 312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355):

---None of the chemicals are Section 302 hazards---

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370):

---By our hazard evaluation, this product is non-hazardous---

Section 313 – List of Toxic Chemicals (40CFR 372):

This product contains the following chemicals (**at level of 1% or greater**)
 which are found on the 313 list of Toxic Chemicals.

Chemical	C.A.S. NUMBER	WEIGHT %
Glycol Ether DM	111-77-3	4 max
Zinc Oxide Complex	1314-13-2	1 Max

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D:

Refer to Section 13 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311) ---None of the chemicals are listed---

Clean Air Act: --- No Information ---

STATE REGULATIONS:

The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state

STATE	CHEMICAL	C.A.S. NUMBER	WEIGHT %
PA, NJ MA	Ammonium Hydroxide	1336-21-6	< 1%
PA, MA	Glycol Ether DM	111-77-3	4 max

PA, NJ, MA

Zinc Oxide Complex

1314-13-2

1 max

California Proposition 65: --- **None of the chemicals are on the Proposition 65 list---**

INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Sections 16.**OTHER INFORMATION**

LABEL INFORMATION: For Shipping Label information refer to section 14

Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):

- **S2:** Keep out of the reach of children
- **R-52/53:** Harmful to aquatic organisms

REVISION DATES, SECTIONS, REVISED BY:

15-MAY-98	Original release date, km
02-APR-01	Reviewed, km
08-APR-04	Revised sections 2, 5, 6,7,9,10,13 &15 mkb
20-Oct-06	Revised Section 2, 11 & 15, mkb
10-APR-07	Revised Section 2, 15, 16 mkb
01-JAN -09	Updated to REACH format, mkb
01-Oct-09	Updated with new address, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)

The Sigma-Aldrich Library of Regulatory and Safety Data

Chemical Guide and OSHA Hazardous Communication Standard

US Department of Labor; Occupational Safety & Health Administration (www.osha.gov)

The Environmental Protection Agency (www.epa.gov)

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Government of Canada: <http://canadagazette.gc.ca/news-e.html>

To the best of our knowledge, the information contained herein is accurate.

However, neither ACL STATICIDE nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.