

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Section 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Identification: Product Name: STATICIDE® Restorer / Cleaner
Product Number: # 4100-1, 4100-2, 4100-5

Recommend use: Interior cleaner for ESD floor finish and tile
Product type: Liquid mixture
Application: Industrial applications, professional applications

Manufacturer: ACL Incorporated
840 W. 49th PL
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)

Email of responsible party for SDS: marykay@aclstaticide.com

US/Canada Emergency TEL: INFOTRAC: (01) 800.535.5053 (day or night)
International Emergency TEL: INFOTRAC: 352.323.3500 (day or night)

Section 2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition: Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] & (US) OSHA HCS 2012:

2.2 Label elements

Hazard pictograms: **None**

Signal word: **None**

Hazard statements: **None**

Precautionary statements

General P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

Prevention:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

Response: No required response labelling

Storage P405 Store locked up. See section 7 for storage details.

Disposal P501 Dispose of contents/container in conformance with State, Local, and Federal regulations. See section 13 for disposal details.

Hazardous ingredients: NA

Supplemental label elements: NA

Annex XVII: Not applicable

Special packaging requirements

Containers to be fitted with child-resistant fastenings: Not applicable

Tactile warning of danger: Not applicable

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	C.A.S.	Classification	Weight %
Alcohol Ethoxylate	68439-46-3	Eye Irrit. 2A, H319	< 12
Sodium xylenesulfonate	1300-72-7	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Respiratory Irrit, STOT 3, H335	< 5
Deionized water and other non-hazardous components	7732-18-5	Not classified	< 90

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous, trade secret, or are below reportable limits.

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

General Advice: If exposed or concerned: Get medical advice/attention

Inhalation: Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/ attention.

Ingestion: Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. Wear gloves

4.2 Most important symptoms and effects, both acute and delayed

May cause skin and eye irritation. Prolonged or repeated skin contact may cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Protective equipment and precautions for firefighters:

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, CO2 or an BC/ABC extinguisher. Water. Synthetic foam.

Unsuitable extinguishing media: Not determined

5.2 Special hazards arising from the substance or mixture:

Hazardous Combustion Products: Not flammable

5.3 Advice for firefighters

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.4 Further information: No data available

Section 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. For personal protection see section 8.

6.2 Environmental precautions Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water. Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material. Use neutralizing agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

6.3 Methods and materials for containment and cleaning up

Small spill: Clean up all spills immediately.

- Avoid breathing vapors and contact with skin and eyes.
- Control personal contact with the substance, by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Wipe up, Place in a suitable, labeled container for waste disposal.

Large spill: Clear area of personnel and move upwind.

- Alert Fire Department and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.
- Stop leak if safe to do so.
- Contain spill with sand, earth or vermiculite.
- Collect recoverable product into labeled containers for recycling.
- Neutralize/decontaminate residue (see Section 13 for specific agent).
- Collect solid residues and seal in labeled drums for disposal.
- Wash area and prevent runoff into drains.
- After clean up operations, decontaminate and launder all protective clothing and equipment before storing

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 7. HANDLING AND STORAGE
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7.1 Precautions for safe handling

Avoid contact with eyes. For precautions see section 2.2

Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place away from direct sunlight. Store locked up.

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

Incompatible Materials: strong oxidizing agents

7.3 Specific end use(s) Apart from the uses mentioned in section 1.2

Designed for static control areas in electronics manufacturing.

Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION
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Exposure Guidelines:

No exposure limits noted for ingredient(s). The following information is given as general guidance

Engineering Controls: Local Exhaust ventilation acceptable.

Respiratory protection: Respirator is not required

Hand protection: Gloves Recommended; Solvex, Neoprene, Butyl, Buna or Natural Latex are acceptable

Eye protection: Wear safety glasses where there might be splashing

Skin protection: Eye wash station, safety shower, chemical resistant apron, safety shoes, and protective clothing to cover exposed areas of the body.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES
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9.1 Information on basic physical and chemical properties

Appearance	Clear yellow liquid
Odor	Citrus
Odor threshold	Not determined
pH	7 - 7.5
Melting point/freezing point	0°C / 32°F
Initial boiling point and boiling range	100°C / 212°F
Flash point and method	Non flammable
Evaporation rate (butyl acetate = 1)	Slower than ethyl ether
Flammability (solid, gas, liquid)	Not flammable / stable
Upper/lower flammability or explosive limits	Not established
Vapor pressure	Not established
Vapor density (air=1)	Not established
Relative density	Not determined
Solubility(ies).	Complete
Partition coefficient: n-octanol/water	Not established
Autoignition temperature	Not established
Decomposition temperature	Not established
Viscosity (kinematic)	Not established
Volatile by weight	Not established

9.2 Other safety information

Solids	Not established
VOC	Not established

Section 10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under recommended storage conditions.

10.2 Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions Hazardous Polymerization will not occur.

10.4 Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.

10.5 Incompatible materials Strong oxidizers

10.6 Hazardous decomposition products: Not expected

In the event of fire: see section 5

Section 11. TOXICOLOGY INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Proprietary surfactants CAS 68439-46-3	LD50 dermal	Rabbit	>2000 mg/kg	--
	LD50 oral	Rat	>2000 mg/kg	--
Sodium xylenesulfonate CAS #1300-72-7	LD50 dermal	Rabbit	>= 7200 mg/kg	
	LD50 oral	Rat	>2000 mg/kg	

Irritation/Corrosion:

Product/ingredient name	Result	Species	Exposure
Proprietary surfactants CAS 68439-46-3	Causes skin irritation	--	---
Sodium xylenesulfonate CAS #1300-72-7	No skin irritation Causes eye irritation	Rabbit Rabbit	24hr

Sensitization:

Product/ingredient name	Result	Species	Test
Proprietary surfactants CAS 68439-46-3	Not expected	---	---
Sodium xylenesulfonate CAS #1300-72-7			

Mutagenicity: Not available.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: No information available.

11.2 Primary route(s) of exposure/entry:

Eye Contact: Causes serious eye irritation

Skin Contact: Prolonged contact may cause redness and irritation

Inhalation: Avoid breathing vapors or mists.

Ingestion: May cause discomfort if swallowed.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

May cause skin and eye irritation. Prolonged or repeated skin contact may cause irritation.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Proprietary surfactants CAS 68439-46-3 (based on similar substance)	10 - 100 mg/l 5 - 10 mg/l 5 - 10 mg/l	Algae Daphne Fish	72 hours 48 hours 96 hours
Sodium xylenesulfonate CAS #1300-72-7			

Conclusion/Summary: Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result
Proprietary surfactants CAS 68439-46-3		Readily biodegradable.
Sodium xylenesulfonate CAS #1300-72-7		

Conclusion/Summary: Not available.

12.3 Bioaccumulative potential

Product/ingredient name	
Proprietary surfactants CAS 68439-46-3	No data available
Sodium xylenesulfonate CAS #1300-72-7	

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available.

Mobility: Not available.

12.5 Results of PBT and vPvB assessment

PBT: Not available.

vPvB: Not available.

12.6 Other adverse effects: Do not discharge into waterways.

Section 13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal: Offer surplus and non-recyclable solutions to a licensed disposal company

Hazardous waste: The classification of the product does not meet the criteria for a hazardous waste.

Contaminated Packaging

Methods of disposal: Dispose of as unused product. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions:

RCRA 40 CFR 261 Classifications: As packaged and after use, 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

	Proper Shipping Name	Hazard Class	UN number	NOTE
US DOT ground	Non Hazardous Material	NA	NA	
US DOT air	Non Hazardous Material	NA	NA	
IATA	Non Hazardous Material	NA	NA	
IMDG	Non Hazardous Material	NA	NA	

Section 15. REGULATORY INFORMATION

US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117, 302: **None of the chemicals are Section 302 hazards**

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 does not contain chemicals (at level of 1% or greater) on the 313 list of Toxic Chemicals.

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**

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 ---**

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

California Proposition 65: This product does not contain any chemicals known to the state of CA to cause cancer, birth defects or any other harm.

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. Ingredients are listed in the DSL

Europe REACH: To the best of our ability, this SDS is written in accordance to REACH Directive EC1907/2006 Annex II and GHS requirements. This product is not subject to REACH restrictions. It does not contain any candidates on the SvHC.

Sections 16.	OTHER INFORMATION
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REVISION DATES, SECTIONS, REVISED BY:

15-Mar-92,	Original release date
02-Apr-01,	Reviewed
30-Mar-04,	Revised Sections 2, 5, 6, 7, 9, 11, 15 & 16 mkb
17-Aug-07	Reviewed all sections, mkb
19-Dec-08	Updated to REACH format, mkb
17-Jun-09	Section 3, mkb
03-Oct-11	updated address, mkb
01-FEB-16	Updated to GHS, mkb
31-Aug-17	Reviewed all sections, updated section 3, Mary Kay Botkins

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>

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