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

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

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

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

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

1.4 Emergency telephone:
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:

PHYSICAL/CHEMICAL HAZARDS: Not Classified
HUMAN HEALTH HAZARDS: Serious eye damage/eye irritation / Category 1
ENVIRONMENTAL HAZARDS: Not Classified

2.2 Label elements
Hazard pictograms:

Signal word: **Danger**
Hazard statements: H318 - Causes serious eye damage

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:
P280 - Wear eye protection/ face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor

Storage: 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.

2.3 Other Hazard:
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

3.1 Substances

CHEMICAL	C.A.S.	Classification	Weight %
Water	7732-18-5	Not classified	< 70
Alcohol Ethoxylate	68439-46-3	Eye irritation Cat 1, H319	< 5
Sodium xylenesulfonate	1300-72-7	Eye Irrit. 2A, H319	< 5
Lithium Chloride	7447-41-8	Acute toxicity, Oral (Category 4), H302 Skin irritation (Category 2), H315 Eye irritation (Category 2A), H319	< 10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4. FIRST AID MEASURES

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

4.1.2 Inhalation Remove exposed individual(s) to fresh air. Get medical advice/attention.

***4.1.3 Skin*:** Remove contaminated clothing. Wash off immediately with plenty of water. If skin irritation occurs: Get medical advice/ attention.

4.1.4 Eyes Rinse immediately with water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.

***4.1.5 Ingestion*:** Rinse mouth. 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*:**
Potential acute health effects
Eye contact: May cause irritation
Inhalation: No specific data
Skin contact: No specific data
Ingestion: No specific data

Over-exposure signs/symptoms
Eye contact: No specific data
Inhalation: No specific data

Skin contact: Prolonged or repeated skin contact may cause irritation.
Ingestion: No specific data

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
For non-emergency personnel: Use personal protective equipment as required.

For emergency responders: Use personal protection recommended in Section 8.

6.2 Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
6.3 Methods and materials for containment and cleaning up
6.3.1 For containment: Absorb liquid components with liquid-binding material. Use neutralizing agent.
6.3.2 For cleaning up: Collect and reuse if possible. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Clean up in accordance with all applicable regulations.
Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
Small spill: Clean up all spills immediately. Avoid contact with skin and eyes.

Large spill: Clear area of personnel and move upwind.
· Prevent, by any means available, spillage from entering drains or water course.
· Contain spill with sand, earth or vermiculite.
· Prevent runoff into drains.
· After clean up operations, decontaminate and launder all protective clothing and equipment before storing
6.3.3 Other information: None

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

7.1 Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Keep containers closed when not in use. Surfaces subject to spills of this product can become slippery.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children.

Storage Conditions: Ambient (40° - 90° F)
Incompatible Materials: non known.

7.3 Specific end use(s) Apart from the uses mentioned in section 1.2
Neutral cleaner designed for Staticide floor finishes, ESD tiles, and ESD epoxy used in static control areas in electronics manufacturing.

Risk Management Methods (RMM)
The information required is contained in this Safety Data Sheet.

Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters
Exposure limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2 Exposure controls:
8.2.1 Appropriate engineering controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.
8.2.2 Personal protective equipment
8.2.2.1 Eye and face protection Protective eyewear are recommended.
8.2.2.2 Skin protection Chemical resistant gloves recommended. Normal work clothing (long sleeved shirts and long pants) is recommended
8.2.2.3 Respiratory protection. Not usually necessary under conditions of normal use.
8.2.2.4 Thermal hazards: No data

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear yellow liquid
Odor	No odor
Odor threshold	Not determined
pH	7 - 7.5
Melting point/freezing point	Not determined
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 (n-BuAc =1)
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 does not occur.
10.4 Conditions to avoid: Keep out of reach of children
10.5 Incompatible materials Unknown
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: 0 % of the mixture consists of ingredient(s) of unknown toxicity an acute oral toxicity.
Skin Irritation/Corrosion: 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
Serious eye damage/eye irritation: Causes serious eye damage.
Sensitization: 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas, vapor, dust/mist).
Mutagenicity: Not classified
Carcinogenicity: Not classified. Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity: Not classified
Specific target organ toxicity - repeated exposure: Not classified
Aspiration hazard: Not classified
Chronic effects: Not determined

Numerical measures of toxicity
The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral): 5146.60 mg/kg
ATEmix (dermal): 13,802.70 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Lithium Chloride	= 526 mg/kg (Rat)	= 1488 mg/kg (Rat)	
Alcohol Ethoxylate	= 1400 mg/kg (Rat) = 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	
Sodium xylenesulfonate	= 1000 mg/kg (Rat)		

11.2 Primary route(s) of exposure/entry:
Eye Contact: Causes serious eye irritation
Skin Contact: Avoid contact with skin.
Inhalation: Avoid breathing vapors or mists.
Ingestion: Do not ingest

11.3 Symptoms related to the physical, chemical and toxicological characteristics
Please see section 4 of this SDS for symptoms.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
12.2 Persistence and degradability: Not determined.
12.3 Bioaccumulative potential: There is no data for this product
12.4 Mobility in soil
Soil/water partition coefficient (K_{OC}): Not determined.
Mobility: Not determined.
12.5 Results of PBT and vPvB assessment
PBT: Not determined.
vPvB: Not determined.
12.6 Other adverse effects: Not determined.

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: Recycle packaging.

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.

13.1.2 Waste treatment-relevant information: No information.

13.1.3 Sewage disposal-relevant information: Avoid release to the environment

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

Special precautions:

RCRA 40 CFR 261 Classifications: As packaged and after use, it does not meet the criteria of a hazardous waste as defied 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.

Section 14. TRANSPORTATION INFORMATION

	Proper Shipping Name	Hazard Class	UN number	NOTE
US DOT	Non Hazardous Material	NA	NA	
RID / ADR	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 (40CFC 372): This product does not contain chemicals (at level of 1% or greater) on the 313 list of Toxic Chemicals.

State Regulations:

This product does not contain any substances regulated under applicable state right-to-know regulations

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.

CWA (Clean Water Act) ---None of the chemicals are listed ---

INTERNATIONAL REGULATIONS:

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

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

European Union: This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830. Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**.**

Authorizations and/or restrictions on use: This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants: Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Lithium Chloride 7447-41-8 (5-10)	X	X	X	X	X	X	X	X
Alcohol Ethoxylate 68439-46-3 (<5)	X	X	-	X	-	X	X	X
Sodium xylenesulfonate 1300-72-7 (<5)	X	X	X	X	X	X	X	X

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2 Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Sections 16. OTHER INFORMATION

NFPA Health: 1 Fire: 0 Instability: 0 Special Hazards: Not determined
HMIS Health: ND Flammability: ND Physical Hazards: ND Personal Protection: ND

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, mkb
17-Feb-20	Reviewed and revised all sections, mkb
08-June-23	Updated sections 3 and 7 mkb

ABBREVIATIONS USED IN THIS DOCUMENT:
SVHC: Substances of Very High Concern for Authorization:

TWA: Time-weighted average
STEL: Short Term Exposure Limit
Ceiling: Maximum limit value
ND: Not Determined

Classification Procedure: Calculation method

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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