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: Mat & Table Top Cleaner
Product Number: # 6001, #6002, #6001-5, #6001-2

Product description: Neutral cleaner for anti-static mats and laboratory furniture
Product type: Liquid
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:

Physical/chemical hazards: **Not classified**
Human health hazards: **Not classified**
Environmental hazards: **Not classified**

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 %
Propretary surfactants	68439-46-3	Eye Irrit. 2A, H319	< 2
Tallow amine ethoxylated ethyl sulfate	68071-95-4	Skin Irrit. 2, H315 Eye Irrit. 2A, H319	< 2
Deionized water and other non-hazardous components	7732-18-5	Not classified	>90

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures
*Inhalation***:** Move to fresh air.

Eye Contact: Immediately flush eyes with large amounts of cold water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.

*Skin Contact***:** If irritated, Wash with soap and water. Get medical attention if irritation persists.

Ingestion: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. NOTE: Never give an unconscious person anything to drink.

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

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
4.3 Indication of any immediate medical attention and special treatment needed
· Information for doctor: treat symptomatically

Section 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media: no restrictions

5.2 Special hazards arising from the substance or mixture
Hazards from the substance or mixture: unknown

Hazardous thermal decomposition products: unknown

5.3 Advice for firefighters
Special protective actions for fire-fighters: Cool endangered receptacles with water spray. Remove containers from path of fire when safe to do so. Do not approach containers suspected to be hot.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Wear appropriate respirator when ventilation is inadequate.

For emergency responders: Not determined

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

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).

7.1 Precautions for safe handling
Protective measures: Wash thoroughly after handling. Use only in a well ventilated area. Keep containers tightly sealed. Ensure good ventilation/exhaustion at the workplace. Wear protective clothing.

Advice on general occupational hygiene:

7.2 Conditions for safe storage, including any incompatibilities:
Store in a cool dry place in original container and protect from sunlight.
Keep container tightly sealed. Store in original container away from foodstuff containers.
Storage Conditions: Ambient: 40°F - 90° F (4°C – 32°C)

7.3 Specific end use(s)
Recommendations: For cleaning surfaces with static control properties

Industrial sector specific solutions: Unknown

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)					
		Exposure Limits			
		OSHA PEL		ACGIH TLV	
Chemical Name		**ppm**	**Mg/m³**	**ppm**	**Mg/m³**
Proprietary surfactants	TWA	NE	NE	NE	NE
CAS 68439-46-3	STEL	NE	NE	NE	NE
Ethylbis (hydroxyethyl)tallow alkyl, ethoxylated, Et sulfates	TWA	NE	NE	NE	NE
	STEL	NE	NE	NE	NE
CAS 68071-95-4					

Recommended monitoring procedures: Not established
DNELs/DMELs: No DNELs/DMELs available.
PNECs: No PNECs available

8.2 Exposure controls
Appropriate engineering controls: General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances. If risk of overexposure exists, wear approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas.

Individual protection measures
Hygiene measures: Wash hands before eating, smoking and using the lavatory and at the end of the working period. When using, do not eat or drink. When using, do not smoke.
Eye/face protection: For normal conditions, once diluted to use as per instructions, may use without safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles
Skin protection: Avoid prolonged or repeated skin contact. Impervious gloves such as nitrile, neoprene or rubber are recommended.
Hand protection: Gloves Recommended. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Body protection Acid resistant protective clothing, rubber boots
Other skin protection: Clean up of spills may require clothing protection
Environmental exposure controls: Limitation and supervision of exposure into the environment. Avoid discharging full concentrate into municipal wastewater, surface water or soils, when such discharges are expected to cause significant pH changes.

Regular control of the pH value previous to or during discharges into open waters is required. Discharges should be carried out as to minimize pH changes in receiving surface waters. In general most aquatic organisms can tolerate pH values in the range of 6-9.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Dark blue translucent liquid
Odor	Pleasant soap
pH	7 - 9
Melting point/freezing point	-1C / 30F
Initial boiling point and boiling range	98.89C / 212F
Flash point and method	Not determined
Evaporation rate	Not determined
Flammability (solid, gas, liquid)	Not flammable
Upper/lower flammability or explosive limits	Not determined

Vapor pressure	Not determined
Vapor density (air=1)	Not determined
Relative density	Not determined
Solubility(ies).	Complete
Partition coefficient: n-octanol/water	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Volatile by weight	Not determined

9.2 Other safety information

Specific Gravity	1
VOC	Zero VOC

Section 10 STABILITY AND REACTIVITY

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability: The product is stable.
10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid: Keep away from heat, direct sunlight.
10.5 Incompatible Materials: Strong oxidizing agents, strong acids.
10.6 Hazardous decomposition products: Carbon Monoxide and other toxic vapors.
Carbon Oxides, nitrogen oxides, sulfur oxides
Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11 TOXICOLOGY INFORMATION

Acute toxicity: Not available. Refer to individual constituents.

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (dermal) 20,020.00 mg/kg

Unknown Acute Toxicity
20 % of the mixture consists of ingredient(s) of unknown toxicity.
20 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
10 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
20 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
20 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
20 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tallow amine ethoxylated ethyl sulfate CAS# 68071-95-4	= 1378 mg/kg (Rat) = 1400 mg/kg (Rat)	> 2 g/kg (Rabbit)	

Inhalation Not classified. The mixture is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation.
Ingestion Do not ingest.
Skin corrosion/irritation Not classified. Limited evidence exists that the mixture as harmful health effects to the skin under normal use.
Serious eye damage/eye irritation Not classified. Limited evidence exists that the mixture may cause eye irritation under normal use.
Sensitization Not classified.
Germ cell mutagenicity Not classified.
Carcinogenicity Not classified.
Reproductive toxicity Not classified.
STOT - single exposure Not classified.
STOT - repeated exposure Not classified.
Aspiration hazard Not classified.

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 : Not determined

12.4 Mobility in soil: Not determined

12.5 Results of PBT and vPvB assessment: Not determined

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 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.

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	
ADR	Non Hazardous Material			
ADN	Not Applicable			Non Hazardous Material
RID	Not Applicable			Non Hazardous Material

Section 15 REGULATORY INFORMATION

United States Federal Regulations:
SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.
CERCLA/Superfund, 40 CFR 117. 302: **None of the chemicals have a reportable quantity**

Section 302 – Extremely hazardous substances (40 CFR 355): **None of the chemicals are Section 302 hazards**
Section 313 – List of Toxic Chemicals (40CFC 372): This product does not contain chemicals (at level of 1% or greater) found on the 313 list of Toxic Chemicals.

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

STATE REGULATIONS:
California Proposition 65: This product does not contain chemicals which are known to the State of California to cause cancer, birth defects, or other reproductive 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.

Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization
Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

Sections 16 OTHER INFORMATION

NFPA HAZARD RATING:
Fire (0) Will not burn
Health (0) No hazard
Reactivity (0) stable
Special Hazard (none)

HMIS:
Flammable (0) Will not burn
Health (0) No significant risk to health
Physical Hazard (0) stable
Personal Protection: none required

0	HEALTH
0	FLAMMABILITY
0	PHYSICAL HAZARD
x	PROTECTIVE EQUIPMENT

REVISION DATES, SECTIONS, REVISED BY:

16-OCT-95,	Updated Section 2, B. Riffel
26-FEB-97,	Updated Section 9, B. Riffel
18-SEP-98,	Updated Section 4, B. Riffel
02-APR-01,	Reviewed
07-MAY-02	Updated Sections 2, 10, & 13 MKB
29-MAY-02	Updated Section 16 MKB
04-MAY-04	New Format, updated sections 2, 9 & 15 mkb
07-MAR-07	Updated sections, 5, 11, 15 mkb
14- MAY-08	Updated section 7, mkb
04-MAR -09	Updated and reviewed all sections, mkb
07-DEC-09	Section 3 correction, mkb
25-JUNE-10	Section 1, address correction, mkb
3-Mar-11	Section 9 revision, mkb
1-Nov-12	Added GHS elements, mkb
28-April-14	Added GHS elements, mkb
22-JAN-15	Added GHS elements, mkb
11-Mar-15	Section 10, mkb
20-Nov-15	Sections 1, 3, mkb
11-Mar-16	Revised all sections to REACH formatting (except 9), mkb

20-May-16	Section 9, mkb
20-Jun-16	Section 14, mkb
26-July-16	Sections 7, 16, mkb
19-Aug-16	Section 3,9, mkb
11-May-17	Sec 7, mkb
22-Oct-19	Sections, 11, 12. Mkb
21-May-21	Reviewed, mkb
06-Oct-21	Revised section 11, 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: http://www.sigmaaldrich.com/
Chemical Guide and OSHA Hazardous Communication Standard
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
The Environmental Protection Agency (www.epa.gov)