

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: Neutral Cleaner Concentrate
Product Number: # 4020-Q, 4020-1, 4020-5, 4020-2

Product description: Concentrated Cleaner for anti-static flooring, ESD paint and concrete
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:



Signal word: **Warning**

Hazard statements: **H319** Causes serious eye irritation

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 face, hands and any exposed skin thoroughly after handling
P280 - Wear eye protection/ face protection

Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Storage: Not a hazardous substance or mixture. Keep container tightly closed in a dry and well-ventilated place away from direct sunlight

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
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CHEMICAL	C.A.S.	Classification	Weight %
Deionized Water	7732-18-5	Not classified	55 - 75
Proprietary surfactants	68439-46-3	Eye Irrit. 2A, H319	5 - 10
Tallow amine ethoxylated ethyl sulfate	68071-95-4	Skin Irrit. 2, H315 Eye Irrit. 2A, H319	5 - 10

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

Section 4	FIRST AID MEASURES
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4.1 Description of first aid measures

Inhalation: Move to fresh air.

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 off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion: Rinse out mouth and then drink plenty of water.

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

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

· Information for doctor: treat symptomatically

Section 5	FIRE FIGHTING MEASURES
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5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: not determined

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

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.

- 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.

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. When diluting always pour product into water and not vice versa.

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.

7.3 Specific end use(s)

Recommendations: Concentrated cleaner for anti-static flooring, ESD paint and concrete. When diluting always pour product into water and not vice versa.

Industrial sector specific solutions: Industrial

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

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

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: Rubber or PVC 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	1
Solubility(ies).	Complete
Partition coefficient: n-octanol/water	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	10 - 15
Volatile by weight	Not determined

9.2 Other safety information

Specific Gravity	Not determined
VOC	Zero V.O.C.

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

Inhalation Do not inhale.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Ingestion Do not ingest.

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)	

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Causes serious eye irritation.

Sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

STOT - single exposure Notclassified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

Section 12	ECOLOGICAL INFORMATION
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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
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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
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	Proper Shipping Name	Hazard Class	UN number	NOTE
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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

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 (40CFR 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 can expose you to chemicals, including Nitrilotriacetic acid, trisodium salt (CAS 5064-31-3), ethylene oxide (CAS 75-21-8), Propylene Oxide (CAS 75-56-9), and 1,4-dioxane (CAS123-91-1) which are known to the State of California to cause cancer. For more information, go to www.p65warnings.ca.gov.

WARNING: This product can expose you to chemicals, including Ethylene Oxide (CAS 75-21-8), which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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.

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Quaternary Ammonium Compounds 68071-95-4 (5-10)	X	X	-	X	-	X	X	-
Alcohols, C9-11 ethoxylated 68439-46-3 (5-10)	X	X	-	X	-	X	X	X

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 HAZARD RATING: **(0)** Fire **(1)** Health **(0)** Reactivity
HMIS: **(0)** Flammable **(1)** Health **(0)** Physical Hazard (D) Personal protection

REVISION DATES, SECTIONS, REVISED BY:

15-Mar-92,	Original release date
27-Nov-07,	Reviewed all sections, Revised Section 2, mkb
15-Apr-09,	Reviewed all sections, Revised to EU format, mkb
07-DEC-09	Section 3 correction, mkb
03-Mar-11	Updated product name, mkb
31-Jan-12	Section 2 GHS, section 3 Risk phrases, mkb
01-Nov-12	Section 2 GHS classifications, mkb
27-Oct-15	GHS updates, mkb
10-Nov-15	Section 2 correction, mkb
22-Jan-16	Updated GHS classification, mkb
20-May-16	Section 9, mkb
11-Jan-19	Updated all sections due to update in classification, mkb
22-Oct-19	Sections 11, 12 updates, 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)

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