

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® Concentrate
Product Number: # 3030Q, #3030G, #3030D

Product description: Anti-static liquid concentrate to be diluted for topical surface treatments only. Not to be used as an additive or component for adhesives, paper products, or plastic articles.

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.]

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:

Serious eye damage / eye irritation, Category 1
Skin irritation, Category 2

ENVIRONMENTAL HAZARDS: Not classified

2.2 Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H315: Causes skin irritation

H318: Causes serious eye damage

Precautionary statements

Prevention:

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves. Wear eye or face protection. Wear protective clothing.

Response:

P302 + P313 IF ON SKIN, get medical advice or attention.

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/physician.

P332 + P313: If skin irritation occurs: Get medical advice / attention.

P362: Take off contaminated clothing and wash before reuse.

Storage Keep cool

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture

CHEMICAL	C.A.S. Number	Risk Classification	Weight %
Iso-stearamidopropyl ethyldimonium ethosulfate	67633-63-0	Skin irrit. 2; H315 Serious Eye. 1; H318	40 - 45
propylene glycol	57-55-6	Not classified	29 - 34
polyethylene glycol	25322-68-3	Not classified	10 - 15
Water	7732-18-5	Not classified	4 - 8
N-,N-Dialkyl-N,N-dimethylammonium bicarbonate	148812-65-1	Skin Corr. 1B, H314 Eye Dam. 1, H318	< 3
N-,N-Dialkyl-N,N-dimethylammonium carbonate	148788-55-0	Skin Corr. 1B, H314 Eye Dam. 1, H318	< 3

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Oxygen may be administered if breathing is difficult. Seek medical attention.

Eye Contact: Check for and remove any contact lenses. Flush eyes with large amounts of water for 15 minutes. Cold water may be used. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing and shoes before reuse. Seek immediate medical attention.

Ingestion: DO NOT INDUCE VOMITING unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

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

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

No data

Section 5	FIRE FIGHTING MEASURES
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5.1 Extinguishing media

Suitable extinguishing media:

Small Fire: Use dry chemical powder

Large Fire: Use foam or water spray.

Unsuitable extinguishing media: Not determined

5.2 Special hazards arising from the substance or mixture. Heating or fire can release toxic gas.

5.3 Advice for firefighters Use an approved/certified respirator or equivalent. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. Do not allow run-off from fire fighting to enter drains or water courses.

5.4 Further information: Hazardous Combustion Products include Carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

Section 6	ACCIDENTAL RELEASE MEASURES
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6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

6.2 Environmental precautions

Prevent entry into sewers, basements or confined areas; dike if needed.

6.3 Methods and materials for containment and cleaning up

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. For large spills, absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material.

6.4 Reference to other sections

For disposal see section 13.

Section 7	HANDLING AND STORAGE
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7.1 Precautions for safe handling

Keep container closed. Use only with adequate ventilation.

Harmful if swallowed. When handling, wear eye protection and rubber gloves. KEEP OUT OF REACH OF CHILDREN. Wash thoroughly after handling. Launder contaminated clothing/equipment before reuse. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a segregated and approved area. Keep container in a cool, well-ventilated area (between 18°C - 28°C / 64°F - 82°F) out of direct sunlight and away from incompatible materials (See STABILITY AND REACTIVITY Section 10). Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Follow all safety data sheet and label warnings even after container is emptied.

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

Concentrated surfactant.

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
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OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)				
	AIHA	OSHA PEL	ACGIH TLV	ACGIH (STEL)
Polyethylene Glycol	10 mg/m ³	-----	-----	-----

Propylene Glycol	10 mg/m3	-----	-----	-----
Methanol	-----	200 ppm	200 ppm	250pppm

Engineering Controls: Local Exhaust ventilation acceptable, avoid splashes

Hand Protection: Where there is a risk of contact with hands, use appropriate gloves

Eye Protection: Ensure that eyewash stations are proximal to the work-station location. Splash Goggles are recommended.

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place. Remove and wash contaminated clothing.

Hygiene measures: Ensure the safety showers are proximal to the work-station location. Wear protective clothing.

Environmental exposure controls: Prevent product from entering drains.

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

Appearance	Liquid, pale green to colorless, may produce foam
Odor	Wintergreen
pH	8-9 [mild alkaline]
Melting point/freezing point	< 0°F
Initial boiling point and boiling range	> 98° C (200° F)
Flash point and method	>98° C (200°F) CC, Pensky-Martens
Evaporation rate	< 0.1 (Butyl Acetate = 1)
Flammability (solid, gas, liquid)	liquid
Upper/lower flammability or explosive limits	Flammable Limits: LEL: 2.6% UEL: 12.5% (Propylene glycol)
Vapor pressure	760mm Hg @ 82.5°C
Vapor density (air=1)	The highest known value is 2.62 (Propylene glycol)
Relative density	1.03 – 1.08 g/cm ³ (25° C / 77° F)
Solubility(ies).	Completely soluble in cold water
Partition coefficient: n-octanol/water	NE
Autoignition temperature	The lowest known value is 371° C (° F) (Propylene glycol)
Decomposition temperature	NE
Viscosity	Xx cp @ 25° C; 25cp @ 40° C

9.2 Other safety information

Volatile by weight	35-40%
VOC	30 % by weight

Section 10	STABILITY AND REACTIVITY
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10.1 Reactivity: Reactive with oxidizing agents

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 and sources of ignition.

10.5 Incompatible Materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. On combustion or on thermal decomposition (pyrolysis) releases: Carbon dioxide (CO₂), nitrogen oxides (NO_x), Sulphur oxides

Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11	TOXICOLOGY INFORMATION
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11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Iso-stearamidopropyl ethyldimonium ethosulfate	No information found			
propylene glycol	LD ₅₀ Dermal LD ₅₀ oral	Rabbit Rat	20,800 mg/kg 20,000 mg/kg	- -
polyethylene glycol	LD ₅₀ oral LD ₅₀ Dermal	Rat Rabbit	5000 mg/kg 5000 mg/kg	- -
N-,N-Dialkyl-N,N-dimethylammonium bicarbonate	LD ₅₀ oral	Rat	490 mg/kg	-
N-,N-Dialkyl-N,N-dimethylammonium carbonate	LD ₅₀ oral	Rat	490 mg/kg	

Conclusion/Summary: Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Exposure
Iso-stearamidopropyl ethyldimonium ethosulfate	No data found		
propylene glycol	Mild skin irritation Mild eye irritation	Human Rabbit	7 days -
polyethylene glycol	No eye irritation	Rabbit	Draize test

Conclusion/Summary: Not available

Sensitization Conclusion/Summary: Not available.

Product/ingredient name	Result	Species	Test
Iso-stearamidopropyl ethyldimonium ethosulfate	No information found		
propylene glycol	No information found		
polyethylene glycol	Did not cause sensitisation on laboratory animals.	Guinea pig	OECD Test Guideline 406

Mutagenicity Conclusion/Summary: Not available.

Product/ingredient name	Result	Species	Test
Iso-stearamidopropyl ethyldimonium ethosulfate	No data found		
propylene glycol	No data found		
polyethylene glycol	Negative	Lab animals	Ames test

Carcinogenicity Conclusion/Summary:

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 : This product may contain a component (methanol, CAS# 67-56-1) known in the state of California to cause reproductive harm. Max amount present is 0.2%; Safe Harbor Level, Micrograms per day (MADL): 47,000 (inhalation) and 23,000 (oral). **Conclusion/Summary:** Not available.

Teratogenicity Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure) Not available

Specific target organ toxicity (repeated exposure): Not available.

Aspiration hazard: Not available.

Information on the likely routes of exposure: Not available.

Section 12	ECOLOGICAL INFORMATION
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12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
3030 Concentrated mixture	LC ₅₀ = 1.39 mg/l NOAEC= 1.0mg/l	Ceriodaphnia Dubia (crustacea)	48 hours
	LC ₅₀ = 4.59mg/l NOAEC= 4.0 mg/l	Pimephales Promelas (minnow)	96 hours

Conclusion/Summary : Not available

12.2 Persistence and degradability

This product may contain substances which are expected to show aquatic toxicity.

Products of Degradation: Carbon oxide (CO, CO₂) and water, nitrogen oxides (NO, NO₂...)

Conclusion/Summary : Not available

12.3 Bioaccumulative potential Not available

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: No known significant effects or critical hazards. The ecological effects of this product have not been determined. The solvents in this product are not classified as toxic to aquatic organisms.

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.

No ingredient is listed in TOXICITY HAZARDOUS WASTE (D004-D043) TABLE, according to 40 CFR 261.

Contaminated Packaging

Methods of disposal: Dispose of as unused product. Container and equipment used with this product should be decontaminated after use, before disposal. Contaminated rinse-water should be directed to treatment facilities, not allowed to enter surface waters or drains. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions:

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

CERCLA/Superfund, 40 CFR 117.302: Methanol (CAS#67-56-1) RQ 5000

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

Section 302 – None of the chemicals are extremely hazardous substances (40 CFR 355).

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): This product includes ingredients that require reporting under the Community Right-To-Know act:

Chemical	CAS#	Hazard Category
N-,N-Dialkyl-N,N-dimethylammonium bicarbonate	148812-65-1	Immediate (acute)
N-,N-Dialkyl-N,N-dimethylammonium carbonate	148788-55-0	Immediate (acute)
methanol	67-56-1	Immediate (acute), Fire

Section 313 – List of Toxic Chemicals (40CFR 372): This product contains ingredients (at level of 0.1% or greater) found on the 313 List of Toxic Chemicals: Methanol (CAS#67-56-1) < 0.2%

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: **Refer to Section 13.**

STATE REGULATIONS:

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

CHEMICAL	C.A.S.	Weight %	States
Methanol	67-56-1	< 0.2	MA, PA, NJ

California Proposition 65: --- This product may contain a component (methanol, CAS# 67-56-1) known in the state of California to cause reproductive harm. Max amount present is 0.2%; Safe Harbor Level, Micrograms per day (MADL): 47,000 (inhalation) and 23,000 (oral).



WARNING: This product can expose you to chemicals including methanol, which are known to the State of California to cause reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL

All ingredients are listed on the following inventory lists:

TSCA USA

DSL Canada

EINECS Europe (Polymer exemption)

AICS Australia

MITI Japan

KECL South Korea

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. All of the components of this product are listed on the Canadian Domestic substances List (DSL).

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.

Other EU regulations Europe inventory: Not determined.

Seveso III Directive, This product contains methanol. Danger criteria is as follows:

P5c: Flammable liquids, Quantity 1 5,000 t; Quantity 2 50,000 t

H2: Acute Toxic Quantity 1 50 t; Quantity 2 200 t

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: This product contains methanol. This product shall not windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.

Sections 16	OTHER INFORMATION
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NFPA HAZARD RATING	Fire	(1)	Health	(2)	Reactivity	(0)
HMIS	Fire	(1)	Health	(2)	Reactivity	(0)

REVISION DATES, SECTIONS, REVISED BY:

05-Jan-12 Original release date
21-May-12 Section 3 (Added risk phrases), mkb
6-Feb-14 Added CAS numbers, Section 3, Section 15, mkb
14-Jan-16 GHS formatting, mkb
1-July-16 Added methanol sections 12 & 15, mkb
03-April-19 Revised section 15, mkb
01-July-20 Rev. section 15, 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>

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