

## Safety Data Sheet

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

<b>Section 1.</b>	<b>CHEMICAL PRODUCT SECTION</b>
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**Identification:** Product Name: STATICIDE® General Purpose  
Product Number: #2001, #2003, #530, #2001-5 & #2001-2

**Recommend use:** Anti-static topical for hard surfaces  
**Synonym:** Water with surfactants

**Manufacturer:** ACL Incorporated  
840 W. 49<sup>th</sup> Place  
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)

<b>Section 2.</b>	<b>HAZARDOUS IDENTIFICATION</b>
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### 2.1 Classification of the substance or mixture

**Product definition:** Mixture

#### **GHS-US classification**

**Physical:** Not Classified

**Health:** Eye irritation / category 2B

**Environmental:** Not Classified

### 2.2 Label Elements

**Hazard Pictograms:** None

**Signal Word:** Warning

#### **Hazard Statement:**

Causes eye irritation (H320)

#### **Precautionary Statements:**

##### **General:**

If medical advice is needed, have container or label at hand (P101)

Keep out of reach of children (P102)

Read label before use (P103)

#### **Prevention:**

Wash hands thoroughly after handling (P264)

#### **Response:**

**IF IN EYES,** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing (P305 +P351 + P338)

If eye irritation persists, get medical attention or advice (P337 + P313)

**IF ON SKIN,** wash with plenty of water. (P302 + P352)

**Unknown Acute Toxicity:** No data available

**Section 3. COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL	CAS	CLASSIFICATION	WEIGHT
Deionized Water	7732-18-5	Not classified	95 – 99.5
Quaternary ammonium compounds, coco alkylbis (hydroxyethyl)methyl, nitrates	71487-00-8	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute): 1	< 0.5
Isopropanol	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336	< 0.5

**Section 4. FIRST AID MEASURES**

**PRIMARY ROUTE(S) OF EXPOSURE / ENTRY:** Inhalation, Skin Contact.

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

**Inhalation:** Move to fresh air and contact a physician 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:** Clean mouth with water and drink afterwards plenty of water.

**Section 5. FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Alcohol resistant foam, carbon dioxide (CO2). Dry chemical.

**Unsuitable Extinguishing Media:** Not determined.

**Specific Hazards Arising from the Chemical:** Not determined.

**Hazardous Combustion Products:** Not determined.

**Protective equipment and precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Section 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions:** Use personal protective equipment as required

**Methods and material for containment and cleaning up**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so

**Methods for Clean-Up:** Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state and federal regulations

<b>Section 7.</b>	<b>HANDLING AND STORAGE</b>
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**Precautions for safe handling**

**Advice on Safe Handling:** 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. Use personal protective equipment as required. Wash face, hands, and any exposed skin thoroughly after handling. Wear eye/face protection.

**Conditions for safe storage, including any incompatibilities**

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

**Incompatible Materials:** None known based on information supplied.

<b>Section 8.</b>	<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>
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**Exposure Guidelines**

Chemical Name	OSHA PEL		ACGIH TLV		
		ppm	Mg/m <sup>3</sup>	ppm	Mg/m <sup>3</sup>
2- Propanol	TWA	400 ppm	980 Mg/m <sup>3</sup>	400 ppm	983 Mg/m <sup>3</sup>
	STEL	500 ppm	1225 Mg/m <sup>3</sup>	500 ppm	1230 Mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls:** Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Respirator:** None required in well ventilated areas.

**Skin and Body Protection:** Wear rubber gloves. Wear protective work clothing

**Eye Protection:** Wear approved safety goggles.

<b>Section 9.</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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Appearance	Clear pale yellow liquid
Odor	Pleasant
pH	7.5
Melting point/freezing point	NE / Less than 0°C
Initial boiling point and boiling range	100°C (212°F)
Flash point and method	None
Evaporation rate	(H2O =1) 1 estimate
Flammability (solid, gas, liquid)	NA
Upper/lower flammability or explosive limits	NA
Vapor pressure	NE
Vapor density (air=1)	Less than air
Relative density	.99
Solubility(ies).	Miscible
Partition coefficient: n-octanol/water	NE
Autoignition temperature	NA
Decomposition temperature	NE
Viscosity	NE
Volatile by weight	>90%
VOC (g/l)	< 3.6

**Section 10. STABILITY AND REACTIVITY**

**Reactivity:** Stable under recommended storage conditions  
**Chemical Reactivity:** Stable under recommended storage conditions  
**Possibility of Hazardous Reactions:** None under normal procession  
**Hazardous Polymerization:** Under normal conditions of storage and use, will not occur  
**Conditions to Avoid:** Keep away from heat, flames, and sparks.  
**Incompatible Materials:** None known based on information supplied  
**Hazardous Decomposition:** Not determined

**Section 11. TOXICOLOGY INFORMATION**

**Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Quaternary ammonium compounds, coco alkylbis (hydroxyethyl)methyl, nitrates (salts)	LD50 Oral	Rat	400 mg/kg	-
propan-2-ol	LC50 Inhalation Vapor	Rat – Male	66100 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-

**Conclusion/Summary:** Not available

**Irritation/Corrosion**

Product/ingredient name	Result	Species	Exposure
propan-2-ol	Eyes - Moderate irritant	Rabbit	24 hours 100 milligrams
	Eyes - Moderate irritant	Rabbit	10 milligrams
	Eyes - Severe irritant	Rabbit	100 milligrams
	Skin - Mild irritant	Rabbit	500 milligrams

**Conclusion/Summary:** Not available

**Sensitization Conclusion/Summary:** Not available.

**Mutagenicity Conclusion/Summary:** Not available.

**Carcinogenicity Conclusion/Summary:** Not available.

**Reproductive toxicity Conclusion/Summary:** Not available.

**Teratogenicity Conclusion/Summary:** Not available.

**Specific target organ toxicity (single exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
propan-2-ol	Category 3	Not applicable.	Narcotic effects

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

**Aspiration hazard:** Not available.

**Information on the likely routes of exposure:** Not available.

**Potential acute health effects**

**Eye Contact:** Causes eye irritation

**Skin Contact:** May cause skin irritation or dryness

**Inhalation:** Do not inhale

**Ingestion:** Do not ingest

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact:** Adverse symptoms may include the following: Pain, watering, redness

**Inhalation:** Adverse symptoms may include the following: nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness

**Skin contact:** Adverse symptoms may include the following: pain or irritation, redness, blistering may occur  
**Ingestion:** Adverse symptoms may include the following: stomach pains

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

**Long term exposure**

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

**Potential chronic health effects:** Not available.

**Conclusion/Summary:** Not available.

**General:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Developmental effects:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

**Other information:** No known significant effects or critical hazards.

<b>Section 12.</b>	<b>ECOLOGICAL INFORMATION</b>
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**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
propan-2-ol	Acute LC50 1400000 to 1950000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 4200000 µg/l Fresh water	Fish - Rasbora heteromorpha	96 hours
Quaternary ammonium compounds, benzyl- C12-18-alkyldimethyl, chlorides	Acute LC50 0.31 mg/l	Fish	96 hours

**Conclusion/Summary :** Not available.

**12.2 Persistence and degradability**

Product/ingredient name	Test	Result	Dose	Inoculum
Quaternary ammonium compounds, coco alkylbis (hydroxyethyl)methyl, nitrates (salts)	-	20 % - 42 days	-	-
propan-2-ol	301E Ready Biodegradability - Modified OECD Screening Test	95 % - 21 days	-	-

**Conclusion/Summary :** Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
propan-2-ol	-	-	Readily

**12.3 Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
propan-2-ol	0.05	-	low

**12.4 Mobility in soil**

**Soil/water partition coefficient (K<sub>oc</sub>):** 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.

<b>Section 13.</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**Waste Treatment Methods**

**Disposal of Wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations

<b>Section 14.</b>	<b>TRANSPORTATION INFORMATION</b>
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U.S. DOT Information: Basic Description: NON HAZARDOUS MATERIAL

IATA: Proper Shipping Name: NON HAZARDOUS MATERIAL

<b>Section 15.</b>	<b>REGULATORY INFORMATION</b>
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United States Federal Regulations:

MSDS 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):

---None of the chemicals are 313 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 for RCRA classification.

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 ---

Clean Air Act: --- No Information ---

STATE REGULATIONS:

California Proposition 65: --- None of the chemicals are on the Proposition 65 list---

INTERNATIONAL REGULATIONS:

**Canada WHMIS:**

904 (1050 FR) Isopropanol is listed on Ingredient Disclosure List (SOR/88-64)

To the best of our ability, this MSDS 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**

NFPA Health: Can cause significant irritation  
NFPA Fire: Will not burn  
NFPA Instability: Stable  
NFPA Reactivity: None



HMIS Health: Slight Hazard. Irritation or minor reversible injury possible.  
HMIS Flammability: Minimal Hazard. Will not burn unless heated.  
HMIS Reactivity: Minimal Hazard. Stable  
HMIS Personal Protection: B. Safety glasses and protective gloves should be worn when handling this material.

1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
B	PROTECTIVE EQUIPMENT

**LABEL INFORMATION:**

For Shipping Label information refer to section 14  
Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):

- Keep out of the reach of children (S2)

**REVISION DATES, SECTIONS, REVISED BY:**

15-FEB-92, Original release date  
02-APR-01, Reviewed  
18-Feb-04, New Format, mkb  
31-Jan-07 Section 11 & 12, mkb  
28-Aug-09 New address, Reach format, mkb  
22-Aug-11 Section 9, VOC, mkb  
08-May-12 GHS, mkb  
29-Apr-14 SDS, mkb  
31-Jul-14 Section 3, mkb  
25-Nov-14 Section 2, mkb  
10-Dec-14 Section 2, mkb  
13-Mar-15 Reviewed, mkb

ABBREVIATIONS USED: 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  
The Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))  
American National Standards Institute

To the best of our knowledge, the information contained herein is accurate.

**However, neither ACL STATICIDE nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.