

Safety Data Sheet

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

Section 1.	CHEMICAL PRODUCT SECTION
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Identification: Product Name: STATICIDE® Static Sentry
Product Number: # 2006

Recommend use: Anti-static topical in aerosol form
Synonym: Isopropyl alcohol with surfactants

Manufacturer: ACL Incorporated
840 W. 49th 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)

Section 2.	HAZARDOUS IDENTIFICATION
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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: Extremely flammable aerosol – Category 1

HUMAN HEALTH HAZARDS: Serious eye damage / eye irritation - Category 2A

ENVIRONMENTAL HAZARDS: Not classified

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements: H222: Extremely flammable aerosol.

H229: Pressurized container; may burst if heated

H280: Contains gas under pressure; may explode if heated

H319 Causes serious eye irritation

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: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Do not spray on open flame or other ignition source (P211)
Do not pierce or burn, even after use. (P251)
Wash hands thoroughly after handling (P264)
Do not eat, drink, or smoke when using this product (P270)
Wear protective gloves, protective clothing and eye protection (P280)

Response: **IF INHALED**, call poison center if you feel unwell (P304 + P312)
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)
Take off contaminated clothing and wash before reuse (P362 + P364)
Call doctor center if you feel unwell (P312)
If skin irritation or rash occurs: Get medical attention (P332 + P313)

Storage Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
(P410 + P412)

Disposal Dispose of contents in accordance with state and local laws as they vary (P501)

Section 3.	COMPOSITION / INFORMATION ON INGREDIENTS
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CHEMICAL	CAS	CLASSIFICATION	WEIGHT %
Isopropanol	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336	70 – 75
A-70	74-98-6	Flammable gas, 1; H223 Gases under pressure, Compressed gas; H229	23 - 27
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	1 – 2

Section 4.	FIRST AID MEASURES
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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.

Section 5.	FIRE FIGHTING MEASURES
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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

Section 7. HANDLING AND STORAGE
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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.

Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION
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Exposure Guidelines

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

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.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES
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Appearance	Clear aerosol spray
Odor	alcohol
pH	7.1
Melting point/freezing point	NE / Less than 0°C
Initial boiling point and boiling range	80°C (180°F)
Flash point and method	12° C (54 °F) TCC
Evaporation rate	(H2O =1) 1 estimate
Flammability (solid, gas, liquid)	Pressurized gas

Upper/lower flammability or explosive limits	LEL: 2% UEL: 12% (Isopropyl alcohol)
Vapor pressure	33 mm Mercury / 25 °C
Vapor density (air=1)	2.1 estimate
Relative density	0.79 gm/cc
Solubility(ies).	Miscible
Partition coefficient: n-octanol/water	NE
Autoignition temperature	The lowest known value is 399 °C (750 °F) (Isopropyl alcohol)
Decomposition temperature	NE
Viscosity	2 cp at 25 °C
Volatile by weight	>98.5%

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 LD50 Dermal LD50 Oral	Rat – Male Rabbit Rat	66100 mg/m ³ 12800 mg/kg 5000 mg/kg	4 hours - -

Conclusion/Summary: Not available

Irritation/Corrosion

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

Section 12.	ECOLOGICAL INFORMATION
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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	95 % - 21 days	-	-

	Screening Test			
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Conclusion/Summary : Not available.

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

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
propan-2-ol	0.05	-	low

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.

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations. Empty can of contents before disposal to avoid hazardous waste classification.

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

Section 14. TRANSPORTATION INFORMATION

U.S. DOT (Ground): Basic Description: NON HAZARDOUS MATERIAL
Proper Shipping Name: Consumer Commodity

U.S. DOT (AIR): Hazard Class: 9
Packaging Group: NA
UN Number: 1950
Limitations: NA

IATA Proper Shipping Name: Aerosols, Flammable
Hazard Class: 2.1
Packing Group: NA
UN Number: UN 1950
Limitations: Y203

OCEAN Proper Shipping Name: Aerosols, Flammable
Hazard Class: 2.1
Packing Group: NA
UN Number: UN 1950
Limitations: Y203

Section 15. REGULATORY INFORMATION

US 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 CERCLA hazards

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): By our hazard evaluation, this product is hazardous. It should be reported as an immediate (acute) health hazard.

Section 313 – List of Toxic Chemicals (40CFR 372): This product contains chemicals (at level of 1% or greater) that are found on the 313 list of Toxic Chemicals.: Isopropyl alcohol (CAS 67-63-0)

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

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Code D001 Ignitable Waste

STATE REGULATIONS:

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

STATE	CHEMICAL	C.A.S. NUMBER	WEIGHT %
PA, NJ, MA	Isopropyl alcohol	67-63-0	33 – 38

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)

Class B-2: Flammable liquid with a flash point lower than 37.8° C (100° F)

All Intentionally present components are listed on the DSL

To the best of our ability, this SDS 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 HAZARD RATING: **(3)** Fire **(1)** Health **(0)** Reactivity

REVISION DATES, SECTIONS, REVISED BY:

12-DEC-13, Original release date

09-JUN-15 GHS 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)

Chemical Guide and OSHA Hazardous Communication Standard

The Environmental Protection Agency (www.epa.gov)

ANSI Standard: ANSI Z400.1-1998

Merck Index

Directive EC1907/2006

UN ST/SG/AC.10/30/ GHS

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

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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.