

Safety Data Sheet

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

Section 1.	CHEMICAL PRODUCT SECTION
-------------------	---------------------------------

Identification: Product Name: STATICIDE® Heavy Duty
Product Number: # 2002, 2005, 520, 2002-5, 2002-2

Recommend use: Anti-static topical for porous surfaces
Synonym: Water 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
-------------------	---------------------------------

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
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
Isopropanol	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336	1

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

Section 7.	HANDLING AND STORAGE
-------------------	-----------------------------

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
-------------------	---

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
-------------------	---

Appearance	Clear pale yellow liquid
Odor	Pleasant
pH	7.1
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	(H ₂ O =1) 1 estimate
Flammability (solid, gas, liquid)	NA
Upper/lower flammability or explosive limits	NA
Vapor pressure	NE
Vapor density (air=1)	2 estimate
Relative density	.99
Solubility(ies).	Miscible
Partition coefficient: n-octanol/water	NE
Autoignition temperature	NA
Decomposition temperature	NE
Viscosity	NE
Volatile by weight	>98.5%
VOC (g/l)	< 9

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 ³	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.

Section 12.	ECOLOGICAL INFORMATION
--------------------	-------------------------------

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 _{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.

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

Section 14. TRANSPORTATION INFORMATION

U.S. DOT Information: Basic Description: NON HAZARDOUS MATERIAL
Proper Shipping Name: NA

IATA: Proper Shipping Name: NON HAZARDOUS MATERIAL

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 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 – MSDS Requirements (40 CFR 370):

By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFC 372):

This product does not contain chemicals on the 313 list of 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

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311): **No products listed**

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

REVISION DATES, SECTIONS, REVISED BY:

15-Mar-92, Original release date
02-APR-01, Reviewed
17-Feb-04, New Format, mkb
31-Jan-07Section 11 & 12, mkb
28-Aug-09 New address, mkb
06-Mar-12 REACH updates, mkb
10-DEC-14 Section 2, mkb
13-Mar-15 Reviewed all sections, 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.

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.