

Material Safety Data Sheet**Section 1 CHEMICAL PRODUCT SECTION**

Identification: Product Name: STATICIDE® Wipes
Product Number: #SW-12, SW12NDE, #2450

Recommend use: Anti-static topical for hard surfaces

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

NFPA HAZARD RATING: (3) Fire (1) Health (0) Reactivity

Product Labeling - Chip Risk/Safety Phrases:
Flammable (R10)
Keep out of the reach of children (S2)

Potential Health Effects:


Inhalation: May cause headaches, dizziness and nausea if excessively inhaled.


Eyes: Will irritate eyes

Skin: May dry skin.

Ingestion: Not normal route of entry. Nausea and diarrhea are possible.

GHS:

Physical: Danger: Category 2; highly flammable liquid and vapor. Symbol: 
H225 Highly flammable liquid

Health: Danger: Category 2A; serious eye damage / eye irritation. Symbol: 
H319 Causes serious eye irritation

Environmental- P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces. No Smoking.
P233 Keep container tightly closed
P235 Keep Cool.
P280 Wear protective gloves /eye protection/face protection

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	C.A.S. Number	EINECS	Weight %	Risk Phrase
Deionized Water	7732-18-5	231-791-2	55-60	NA
Isopropanol	67-63-0	200-661-7	30-40	R11, R36, R67
Ethanol	64-17-5	200-578-6	< 1	R11

Section 4 FIRST AID MEASURES

Inhalation: Move to fresh air and contact a physician if necessary.

Eye Contact: Flush eyes with large amounts of water for 15 minutes or until irritation subsides. If irritation persists, get medical attention.

Skin Contact: Wash with soap and water.

Ingestion: Not normal route of entry. Drink copious amounts of water/milk, and seek medical attention.

Section 5	FIRE FIGHTING MEASURES
------------------	-------------------------------

Flash Point & Method: 20°C – Penske Martens.

Flammable Limits: LEL: 2 UEL: 12 Autoignition Temperature: NIF

General Hazard: If package is opened, the contents will burn.

Fire Fighting Instructions: Small Fire: Use dry chemical powder. Large Fire: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Fire Fighting Equipment: Use an approved/certified respirator or equivalent.

Hazardous Combustion Products: Carbon Oxides, Nitrogen Oxides

Section 6	ACCIDENTAL RELEASE MEASURES
------------------	------------------------------------

Land spill: If package is damaged, treat as flammable and remove sources of ignition. Pick up and place in disposal container. If packaging is intact, product may be used before discarding.

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

Handling: Keep away from heat sources. Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials

Storage Temperatures: Ambient

Storage Pressure: Atmospheric

General: Observe good housekeeping practices. Follow all MSD sheet and Label warnings even after container is emptied.

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
------------------	---

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)

	OSHA PEL	ACGIH TLV
Isopropanol	400 ppm	400 ppm
Ethanol	1000 ppm	1000 ppm

Engineering Controls: Local exhaust ventilation acceptable

Personal Protection: With proper usage, none is required.

Respirator: None

Hand Protection: None

Eye Protection: None

Section 9	PHYSICAL AND CHEMICAL PROPERTIES
------------------	---

Boiling Point..... Liquid = 80°C	% Volatile.....< 5
Vapor Density (Air=1)...2.1 est	Evaporation Rate (H2O=1)...> 1
Solubility in Water.....Miscible	Odor.....Alcohol
Appearance: Applicator saturated with clear liquid.	VOC (Isopropanol)..... 0.66 gm / wipe

Section 10	STABILITY AND REACTIVITY
-------------------	---------------------------------

General: Stable. Polymerization will not occur.

Incompatible Materials and Conditions to Avoid: Strong Acids, strong bases, oxidizing agents

Hazardous Decomposition: NE

Section 11	TOXICOLOGY INFORMATION
-------------------	-------------------------------

Results of Component Toxicity Test Performed:

Acute dermal toxicity (LD50) : <16,000 mg/kg (rabbit) Isopropyl Alcohol.

Acute dermal toxicity (LD50) : <20,000 mg/kg (rabbit) Ethanol.

OSHA / NTP / DHHS - This product does not contain chemicals on the 11th Report on Carcinogens (RoC)
NIOSH: None of the chemicals are listed on the NIOSH carcinogen list.

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

LC₅₀ Fish (96 hours) 100mg/l (Isopropanol)

Section 13	DISPOSAL CONSIDERATIONS
-------------------	--------------------------------

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

U.S. DOT Information : Proper Shipping Name: Non Hazardous Material
Hazard Class: NA

IATA Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA

Section 15	REGULATORY INFORMATION
-------------------	-------------------------------

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 – (40 CFR 370): By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFR 372): This product does not contain chemicals (at level of 1% or greater) that are found 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 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311): No Chemicals used in this product are listed.

STATE REGULATIONS:

California Proposition 65: No chemicals used in this product are on the Prop 65 list.

INTERNATIONAL REGULATIONS:

REACH: All chemicals components are registered.

Only Representative: Intertek Analyses Chalon Tel: +33 (0) 385 99 1274

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.

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.

Sections 16	OTHER INFORMATION
--------------------	--------------------------

REVISION DATES, SECTIONS, REVISED BY:

16-MAR-04,	Previous validation, mkb
29-May-07	Revised section 11, 15, mkb
28-Aug-09	New address, EU format, mkb
31-Aug-11	Revised sections 9, 15, mkb
31-Jan-12	Added risk phrases sections 2,3, mkb
09-May -12	Added GHS pictograms, 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
The Environmental Protection Agency (www.epa.gov)
ANSI Standard: ANSI Z400.1-1998
Merck Index

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.