

MSDS Information

Section 1. CHEMICAL PRODUCT SECTION

Product Name: STATICIDE® Clean Room

Product Number: # 5001, # 5002

Manufacturer: ACL Incorporated
1960 E. Devon Avenue
Elk Grove Village, IL 60007
PH: 847.981.9212
FAX: 847.981.9278

For Chemical Emergency,
Spill, Leak, Fire Exposure,
Or Accident Call INFOTRAC
DAY OR NIGHT (800) 535-5053

Section 2. INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL	C.A.S. Number	Weight %
Isopropyl alcohol	67-63-0	46 – 49
Deionized water	7732-18-5	47 – 51
Lactic acid	50-21-5	<.05 – 1.0
Mackline 301 Octadecanamide, N-[3-(dimethylamino)propyl]	7651-02-7	<.05 – 1.0

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	Exposure Limits 8. Hours TWA (PPM)
	OSHA PEL ACGIG TLV Supplier
Isopropyl alcohol	400 ppm 16,000 mg/kg (dermal) rabbit

Section 3. HAZARD IDENTIFICATION

Emergency Overview:

Potential Health Effects:

INHALATION: Avoid breathing vapor or mist. Use only with adequate ventilation.

EYES: May cause irritation or harm if direct contact is made.

SKIN: May cause irritation or dry skin if direct contact is made.

INGESTION: May be harmful or fatal if swallowed.

Section 4. 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: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of water. Seek medical attention.

Ingestion: If affected person is conscious give plenty of water/milk to drink. If vomiting occurs, keep head below the hip to reduce the risk of aspiration. Give victim water again. Never give anything by mouth to an unconscious person. Call a physician.

Section 5. FIRE FIGHTING MEASURES

Flash Point & Method: 20° C (68 °F) CC, Pinsky-Martens

Flammable Limits: LEL: 2% UEL: 12%

Auto ignition Temperature:

GENERAL HAZARD:

Flammable in presence of open flames, sparks and static discharge.

FIRE FIGHTING INSTRUCTIONS:

Use dry chemical powder or alcohol foam, water spray or fog..

FIRE FIGHTING EQUIPMENT:

Water, foam, dry chemical, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon oxides, nitrogen oxides,.

Section 6. ACCIDENTAL RELEASE MEASURES

Land spill:

Recontainerize by mopping, wet vac or by using a suitable absorbent. All disposal methods must be in compliance with Federal, State and local laws and regulations. Waste characterizations are the responsibility of the waste generator.

Water spill:

NA

Section 7. HANDLING AND STORAGE

Precautionary Information: Harmful if swallowed. When handling, wear eye protection and rubber gloves. KEEP OUT OF REACH OF CHILDREN.

Wash thoroughly after handling.

Storage Temperatures: Ambient

Storage Pressure: Atmospheric

General: Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND

REACTIVITY Section 10). Follow all MSD sheet and Label warnings even after container is emptied.

Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls:

- Local Exhaust ventilation acceptable
- Mechanical ventilation recommended
- Use explosion – proof ventilation equipment.
- Do not use in confined space without mechanical ventilation equipment.

See section 2 for component exposure guidelines.

Personal Protection:

RESPIRATOR:

If concentrations are over the exposure limit and are known, air purifying respirator with Organic Vapor Cartridges may be acceptable. Refer to cartridges for acceptable levels. If concentrations are over exposer limit and are unknown, use a supplied air respirator.

HAND PROTECTION:

- Gloves Recommended
 - Solvex Neoprene
 - Butyl Buna
 - Natural Latex Cotton/Jersey

EYE PROTECTION:

- Safety Glasses Chemical Goggles Full Face Shield

OTHER RECOMMENDATIONS:

- Rubber Boots Splash-Proof chemical resistant suit/apron

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Density.....NA	pH.....7.1
Boiling Point.....80C / 176F	% Volatile..... 96
Freezing Point..... NIF	% Solids.....NA
Vapor Density (Air=1)...2.1	Evaporation Rate (H2O=1)...1
Solubility in Water.....100	Viscosity.....NA
Molecular Weight.....NA (mixture)	Physical State.....Liquid
Non-Exempt VOC (g/1)..NA	Odor.....Clean
Appearance: Clear, white	

Section 10. STABILITY AND REACTIVITY

GENERAL:
STABLE

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
None
None

HAZARDOUS DECOMPOSITION:
Forced combustion yields carbon oxides.

Section 11. TOXICOLOGY INFORMATION

RESULTS OF COMPONENT TOXICITY TEST PERFORMED:
Information not available.

HUMAN EXPERIENCE:
Information not available.

Section 12. ECOLOGICAL INFORMATION

FURTHER INFORMATION:
Information not available.

Section 13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 Classifications:

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

Basic Description: HAZARDOUS MATERIAL

Proper Shipping Name: Isopropanol

Hazard Class: 3

Packaging Group: II

UN Number: UN1219

Limitations: NA

IATA Basic Description: HAZARDOUS MATERIAL
Proper Shipping Name: Isopropanol
Hazard Class: 3
Packing Group:II
UN Number: UN 1219
Limitations: NA

Section 15. REGULATORY INFORMATION
UNITED STATES FEDERAL REGULATIONS:

MSDS complies with OSHAs 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.
- By our hazard evaluation, this product is hazardous. It should be reported under the following EPA hazard.
 - Immediate (acute) health hazard
 - Delayed (chronic) health hazard
 - Sudden release of pressure hazard
 - Reactive hazard

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

This product contains the following chemicals (at level of 1% or greater) which are found on the 313 list of Toxic Chemicals.

Chemical	C.A.S. NUMBER	WEIGHT %
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---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 11. for RCRA classification.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15-(FORMERLY SECTION 307), 40 CFR 116 (FOMERLY SECTION 311)

This product contains the following chemicals which are listed:

CHEMICAL	C.A.S. NUMBER	WEIGHT %
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CLEAN AIR ACT: --- No Information ---

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

This product contains the following ingredients which appear on the California proposition 65 list:

CHEMICAL	C.A.S. Number	Weight%
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--- None of the chemicals are on the Proposition 65 list---

INTERNATIONAL REGULATIONS:

CANADA WHIMS: NIF

EUROPE EINECS NUMBERS: NIF

Sections 16. OTHER INFORMATION

LABEL INFORMATION:

European risk and Safety Phrases: S2, S-23/24/25, S-37/39, R-42/43

European Symbols needed: Flammable

Canadian WHIMS Symbols: Flammable

NFPA HAZARD RATING:

(3) Fire (1) Health (0) Reactivity

REVISION DATES, SECTIONS, REVISED BY:

01-MAR-92 Original release date

02-APR-01, Reviewed

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

REFERENCES:

Code of Federal Regulations (CFR)

The Sigma-Aldrich Library of Regulatory and Safety Data

Chemical Guide and OSHA Hazardous Communication Standard

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.
