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

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### 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)

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### Section 2  HAZARDOUS IDENTIFICATION

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

#### 2.1 Classification of the substance or mixture
- **Product definition:** Mixture

**GHS-US classification**

**Label Elements**

**Hazard Pictograms:**

**Signal Word:** Danger

**Physical:** Category 2

**Health:** Category 2A

**Hazard Statement:** Highly flammable liquid and vapor (H225)
- Causes serious eye irritation (H13)

**Precautionary Statement:**
- Keep out of reach of children (P102)
- Keep away from heat/sparks/open flames/hot surfaces. No Smoking. (P210)
- Keep container tightly closed (P233)
- Keep Cool. (P235)
- Wash hands thoroughly after handling (P264)
- Wear protective gloves/protective clothing/eye protection/face protection (P280)
- If in the eyes: get medical attention. (P305, P313)
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305, 338, 331)

Other 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.

### Section 3  COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>C.A.S. Number</th>
<th>EINECS</th>
<th>Weight %</th>
<th>Risk Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>55-60</td>
<td>NA</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>200-661-7</td>
<td>30-40</td>
<td>R11, R36, R67</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>&lt; 1</td>
<td>R11</td>
</tr>
</tbody>
</table>

### 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: Handling:
Wash hands thoroughly after handling (P264)
Wear protective gloves/protective clothing/eye protection/face protection (P280)

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: Protect from sunlight (P410)
Store in a well-ventilated place (P403)
Store in a dry place (P402)

Storage Temperatures: Ambient. Avoid freezing and do not store at temperatures above 120 °F (48.9°C)

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)
Engineering Controls: Local exhaust ventilation acceptable

**Personal Protection:** With proper usage, none is required.
Protective gloves / eye protection / face protection (P280)

### Section 9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Isopropanol</th>
<th>Ethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Applicator saturated with clear liquid.</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>alcohol</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>NE / NE</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Liquid = 80°C</td>
<td></td>
</tr>
<tr>
<td>Flash point and method</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>(H2O=1) &gt; 1</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas, liquid)</td>
<td>20°C – Penske Martens. (liquid)</td>
<td></td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>LEL: 2 UEL: 12</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Vapor density (air=1)</td>
<td>2.1 estimated</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Solubility(ies).</td>
<td>Miscible</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Volatile by weight</td>
<td>&lt; 5 %</td>
<td></td>
</tr>
<tr>
<td>VOC (isopropanol)</td>
<td>0.66 gm / wipe</td>
<td></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>U.S. DOT Information</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name: Non Hazardous Material</td>
<td>Proper Shipping Name: NON HAZARDOUS MATERIAL</td>
</tr>
<tr>
<td>Hazard Class: NA</td>
<td>Hazard Class: NA</td>
</tr>
</tbody>
</table>

### 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 (40CFC 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.**


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

NFPA Health: Can cause significant irritation
NFPA Fire: Above 73 Degrees, Below 100 Degrees F
NFPA Instability: Stable
NFPA Reactivity: None

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
28-Oct-14 Revised section 2, 7 and 9, 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)
  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.