SECTION I. PRODUCT AND COMPANY INFORMATION

MANUFACTURER
ALEN DEL NORTE S.A. DE C.V.

ADDRESS
Blvd. Díaz Ordaz No. 1000, Los Treviño, Santa Catarina, C.P. 66350, N.L. México

PRODUCT NAME
PINE-O-PINE DISINFECTANT DEODORIZER CLEANER

SECTION II. COMPOSITION AND INGREDIENTS INFORMATION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>Chemical/Common Name</th>
<th>Composition Range</th>
<th>CAS NUMBER</th>
<th>ACGIH</th>
<th>OSHA PEL/NIOSH REL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pine oil</td>
<td></td>
<td>35.0-25.0</td>
<td>8002-09-3</td>
<td>TLV: Not estab.</td>
<td>ND</td>
</tr>
<tr>
<td>Alpha-(nonylphenyl)-w-hydroxy-poly(oxy-1,2-ethanediyl)/Nonyl phenol ethoxylate</td>
<td>5.0-1.0</td>
<td>9016-45-9</td>
<td>TLV: Not estab.</td>
<td>ND</td>
<td></td>
</tr>
<tr>
<td>Ethylenediaminetetra-acetic acid/EDTA</td>
<td>1.0-0.1</td>
<td>60-00-4</td>
<td>TLV: Not estab.</td>
<td>ND</td>
<td></td>
</tr>
</tbody>
</table>

SECTION III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
There is no known adverse effect from chronic exposure to the recommended use of this product.

SECTION IV. FIRST AID MEASURES

INGESTION
Do not induce vomit, drink large quantities of water or milk and get medical attention.

INHALATION
Obtain medical attention in all cases.

SKIN
Flush with plenty of water.

EYES
Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention, if needed.

SECTION V. FIRE AND EXPLOSION DATA

FLASH POINT °C
39

FLAMMABILITY
T.C.C.

EXPLOSIVE LIMITS IN AIR
NA

EXTINGUISHING MEDIA:
WATER SPRAY X CO2 X FOAM X OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS
Empty containers retain product residue. Do not pressurize, cut, heat, weld or expose such areas to flame because they may explode and cause injury.
SPECIAL FIRE FIGHTING PROCEDURES

Heat, sparks, open flame and other sources of ignition

HAZARDOUS COMBUSTION PRODUCTS

CO and CO₂

SECTION VI. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE

Extinguish all sources of possible ignition. Small spills may be flushed to sewer. Larger spills may be absorbed onto sawdust or other inert absorbent and disposed. Large spills should be contained and collected for disposal.

SECTION VII. HANDLING AND STORAGE

Keep out of the reach of children

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS

GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND.

PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS

GLOVES ☑ GOGGLES ☑ BOOTS ☑ APRON ☑ OTHER ☑

WORK/HYGIENIC PRACTICES

None special requirements

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid
COLOR AND ODOR: Amber and characteristic pine oil smell

BOILING POINT (°C): Near 212
MELTING OR FREEZING POINT: NA
FIRE POINT (°C): NA
AUTO IGNITION TEMPERATURE (°C): NA
DENSITY (g/ml): 0.96-0.99
VAPOR DENSITY: NA
MOLECULAR WEIGHT: NA
VOLATILITY: NA
PERCENT VOLATILE 100°C: 38.0-42.0
VAPOR PRESSURE (mmHg at 37.3°C): NA
LOWER EXPLOSION LIMIT (%): NA
UPPER EXPLOSION LIMIT (%): NA
PH: 12.5-13.5
VISCOSITY (cps): NA
SOLUBILITY IN WATER: COMPLETE
SOLUBILITY IN OTHERS: NA

SECTION X. REACTIVITY INFORMATION

STABILITY:

STABLE ☑ UNSTABLE ☐

INCOMPATIBILITY WITH VARIOUS SUBSTANCES

NONE KNOWN WATER ☑ ACIDS ☑ ALKALIS ☑ OXID ☑ OTHER ☐

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR ☑ MAY OCCUR (CONDITION TO AVOID) ☐

CONDITIONS OF INSTABILITY

WILL NOT OCCUR ☑ MAY OCCUR (CONDITION TO AVOID) ☐

Carbon oxides (CO₂, CO)

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide, carbon monoxide may be produced. Sulfur compounds may also be produced

SECTION XI. TOXICOLOGICAL INFORMATION

A. HEALTH EFFECTS

ACUTE

INGESTION: May cause irritation to intestinal mucous
INHALATION: None under normal use conditions
SKIN: May cause irritation on sensitive skin
EYES: Irritant

CHRONIC

INGESTION: NA
INHALATION: None under normal use conditions
SKIN: May cause irritation due to frequent contact with the product
EYES: NA
### SECTION XII. ECOLOGICAL INFORMATION

**ECOTOXICITY**
NA

**WASTE DISPOSAL METHODS**
Dispose in accordance with all local, state and federal regulations.

### SECTION XIII. DISPOSAL CONSIDERATIONS

**SECTION XIV. TRANSPORT INFORMATION**

| DOT CLASSIFICATION | NA | SPECIAL PROVISIONS FOR TRANSPORT | NA |
| PROPER SHIPPING NAME | NA | TDG CLASSIFICATION | NA |
| DOT IDENTIFICATION # | NA | ADR CLASSIFICATION | NA |
| PACKING GROUP | NA | IMDG CLASSIFICATION | NA |
| MARITIME TRANSPORTATION | NA | IATA CLASSIFICATION | NA |

**HAZARDOUS SUBSTANCES REPORTABLE QUANTITY**
NA

### SECTION XV. REGULATORY INFORMATION

**RCRA (40 CFR 261, Subpart D):** Not Applicable

**NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:**

**CLEAN WATER ACT:**
Contains EDTA (RQ = 5000 lb/2270 kg) which is a 301, 307 and 311 material. This product contains the following components subject to reporting requirements: isopropanol, pine oil and EDTA.

**CLEAN AIR ACT:**
Contains isopropanol and nonyl phenol ethoxylate which are a Section 111 materials. This product contains the following components subject to reporting requirements: isopropanol and EDTA.

**SARA**
Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355: Not applicable.

**STATE OF ILLINOIS SUBSTANCE LIST:**
40 CFR 372: The following chemicals must be reported under SARA 313: Not applicable.

**STATE OF MICHIGAN CRITICAL MATERIALS REGISTER:**
This product contains the following components subject to reporting requirements: Not applicable.

**CALIFORNIA PROPOSITION 65 Carcinogens and reproductive toxins**
This product contains the following components subject to reporting requirements: Not applicable.
SECTİON XVI. OTHER INFORMATION

NFPA Aerosol Level:
Not Applicable

HEALTH HAZARD  1  *NA: Not available
FIRE HAZARD  1  TLV: threshold limit values
REACTIVITY  0  *ND: Not determined
PERSONAL PROTECTION  -

CREATION DATE:  June 18, 2003
TRANSCRIPTION DATE:  June 26, 2006
TRANSCRIPTIONED BY:  LCQ Jesús A. Salazar de León

DISCLAIMER

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Industrias AlEn S.A. de C.V., and their respective subsidiaries, affiliates, successors and assigns to be dependable and is accurate to the best of the Company’s knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Industrias AlEn S.A. de C.V., and their respective subsidiaries, affiliates, successors and assigns assumed no responsibility for injury to the recipient or third persons, for any damage to any property from misuse of the controlled product.

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