1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: INSL-X HEAVY DUTY DEGREASER
Product Code: CL-0100
Alternate Product Code: UA3200
Product Class: SURFACE PREPARATION PRODUCT
Color: Clear
Recommended use: Degreaser
Restrictions on use: No information available

Manufacturer:
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 1-866-708-9180
insl-x.com

Emergency Telephone:
CHEMTREC (US): 800-424-9300
CHEMTREC (outside US): (703)-527-3887

2. HAZARDS IDENTIFICATION

Classification
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label elements

Danger

Hazard statements
Causes skin irritation
Causes serious eye damage
May cause an allergic skin reaction

Appearance: liquid
Odor: mild
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace

Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing
Immediately call a POISON CENTER or doctor/physician

Skin
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Other information
No information available

### 3. COMPOSITION INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Sodium tripolyphosphate</td>
<td>7758-29-4</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Monoethanolamine phosphate</td>
<td>29868-05-1</td>
<td>0.5 - 1</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>141-43-5</td>
<td>0.5 - 1</td>
</tr>
<tr>
<td>3,5,7-Triaza-1-azoniatricyclo[3.3.1.13,7]decane, 1-(3-chloro-2-propen-1-yl)-, chloride</td>
<td>4080-31-3</td>
<td>0.5 - 1</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

General Advice
No hazards which require special first aid measures.

Eye Contact
Immediate medical attention is required. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin Contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.

Inhalation
Move to fresh air. If symptoms persist, call a physician.

Ingestion
Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media**: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

- **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.

- **Specific Hazards Arising From The Chemical**: Closed containers may rupture if exposed to fire or extreme heat.

- **Sensitivity to mechanical impact**: No

- **Sensitivity to static discharge**: No

- **Flash Point Data**
  - Flash point (°F): 375
  - Flash Point (°C): 191
  - Method: PMCC

- **Flammability Limits In Air**
  - Lower flammability limit: Not applicable
  - Upper flammability limit: Not applicable

**NFPA**
- Health: 2
- Flammability: 1
- Instability: 0
- Special: Not Applicable

**NFPA Legend**
- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions**: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

- **Other Information**: Prevent further leakage or spillage if safe to do so.

- **Environmental precautions**: See Section 12 for additional Ecological Information.

- **Methods for Cleaning Up**: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.
7. Handling and Storage

Handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage
Keep container tightly closed. Keep out of the reach of children.

Incompatible Materials
No information available

8. Exposure Controls/Personal Protection

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>TWA: 10 ppm inhalable fraction and vapor</td>
<td>N/E</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>STEL: 6 ppm TWA: 3 ppm</td>
<td>3 ppm - TWA 6 mg/m³ - TWA</td>
</tr>
</tbody>
</table>

Legend
ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits
OSHA - Occupational Safety & Health Administration Exposure Limits
N/E - Not Established

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection
Safety glasses with side-shields. If splashes are likely to occur, wear: Tightly fitting safety goggles.

Skin Protection
Protective gloves and impervious clothing.

Respiratory Protection
In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. Physical and Chemical Properties

- Appearance: liquid
- Odor: mild
- Odor Threshold: No information available
- Density (lbs/gal): 8.85 - 8.95
- Specific Gravity: 1.06 - 1.08
- pH: No information available
- Viscosity (cps): No information available
- Solubility(ies): No information available
- Water solubility: No information available
- Evaporation Rate: No information available
- Vapor pressure: No information available
- Vapor density: No information available
- Wt. % Solids: 55 - 65
- Vol. % Solids: 50 - 60
- Wt. % Volatiles: 35 - 45
10. STABILITY AND REACTIVITY

Reactivity
Not Applicable

Chemical Stability
Stable under normal conditions.

Conditions to avoid
Prevent from freezing.

Incompatible Materials
No materials to be especially mentioned.

Hazardous Decomposition Products
None under normal use.

Possibility of hazardous reactions
None under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Principal Routes of Exposure
Eye contact, skin contact and inhalation.

Acute Toxicity

Product Information
No information available

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye contact
Severely irritating to eyes. May cause burns. Risk of serious damage to eyes.

Skin contact
Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
Inhalation  May cause irritation of respiratory tract.
Ingestion  Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Sensitization  May cause an allergic skin reaction
Neurological Effects  No information available.
Mutagenic Effects  No information available.
Reproductive Effects  No information available.
Developmental Effects  No information available.
Target organ effects  No information available.
STOT - single exposure  No information available.
STOT - repeated exposure  No information available.
Other adverse effects  No information available.
Aspiration Hazard  No information available.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)  14010 mg/kg
ATEmix (inhalation-dust/mist)  150 mg/L
ATEmix (inhalation-vapor)  1100 mg/L

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-112-34-5</td>
<td>5660 mg/kg (Rat)</td>
<td>2700 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium tripolyphosphate 7758-29-4</td>
<td>3120 mg/kg (Rat)</td>
<td>&gt; 7940 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Ethanol, 2-amino-141-43-5</td>
<td>1720 mg/kg (Rat)</td>
<td>1000 mg/kg (Rabbit) = 1 mL/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>3,5,7-Triaza-1-azoniatricyclc[3.3.1.1 3.7]decane, 1-(3-chloro-2-propen-1-yl)-, chloride 4080-31-3</td>
<td>500 mg/kg (Rat)</td>
<td>565 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

Chronic Toxicity

Carcinogenicity
There are no known carcinogenic chemicals in this product above reportable levels.

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects
The environmental impact of this product has not been fully investigated.

Product Information

Acute Toxicity to Fish
No information available

Acute Toxicity to Aquatic Invertebrates
No information available

Acute Toxicity to Aquatic Plants
No information available
Persistence / Degradability
No information available.

Bioaccumulation
There is no data for this product.

Mobility in Environmental Media
No information available.

Ozone
No information available

Component Information

Acute Toxicity to Fish

Ethanol, 2-amino-
LC50: 3684 mg/L (Zebra Fish - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

Ethanol, 2-(2-butoxyethoxy) -
EC50: 100 mg/L (Daphnia - 48 hr.)
Ethanol, 2-amino-
EC50: 65 mg/L (Daphnia - 48 hr.)

Acute Toxicity to Aquatic Plants

Ethanol, 2-amino-
EC50: 15 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

DOT
Not regulated

ICAO / IATA
Not regulated

IMDG / IMO
Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: United States
Yes - All components are listed or exempt.
**Federal Regulations**

**SARA 311/312 hazardous categorization**

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>CERCLA/SARA 313 (de minimis concentration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>5 - 10</td>
<td>1.0</td>
</tr>
<tr>
<td>3,5,7-Triaza-1-azoniatricyclo[3.3.1.13,7]decane, 1-(3-chloro-2-propen-1-yl)-, chloride</td>
<td>4080-31-3</td>
<td>0.5 - 1</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Hazardous Air Pollutant (HAP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>5 - 10</td>
<td>Listed</td>
</tr>
</tbody>
</table>

**US State Regulations**

**California Proposition 65**

⚠️ **WARNING:** Cancer and Reproductive Harm— www.P65warnings.ca.gov

**State Right-to-Know**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium tripolyphosphate</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3,5,7-Triaza-1-azoniatricyclo[3.3.1.13,7]decane, 1-(3-chloro-2-propen-1-yl)-, chloride</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Legend**

X - Listed
16. OTHER INFORMATION

HMIS -
Health: 2  Flammability: 1  Reactivity: 0  PPE: -

HMIS Legend
0 - Minimal Hazard
1 - Slight Hazard
2 - Moderate Hazard
3 - Serious Hazard
4 - Severe Hazard
* - Chronic Hazard
X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By: Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
800-225-5554

Revision Date: 06-Apr-2020
Revision Summary: Not available

Disclaimer
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End of Safety Data Sheet