1. IDENTIFICATION

Product Identifier
Product Name: Nexgen Metal & Mold Cleaner cylinder

Other means of identification
SDS #: 46430
Product Code: 46430
UN/ID No: UN1954

Recommended use of the chemical and restrictions on use
Recommended Use: Industrial mold cleaner.

Details of the supplier of the safety data sheet
Supplier Address: Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090

Emergency Telephone Number
Company Phone Number: Phone: 1-847-541-7220
Fax: 1-847-541-7986
Emergency Telephone (24 hr): INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance: Colorless aerosol spray
Physical State: Aerosol
Odor: Sweet

Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>3</td>
</tr>
<tr>
<td>Flammable Aerosols</td>
<td>2</td>
</tr>
</tbody>
</table>

Signal Word

Danger

Hazard Statements

Causes skin irritation
Causes serious eye damage
May cause an allergic skin reaction
May cause respiratory irritation
Flammable Aerosol

![Safety Data Sheet Icons]
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
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response
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
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash it before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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

Other Hazards
Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>40-70</td>
</tr>
<tr>
<td>Ethyl lactate</td>
<td>97-64-3</td>
<td>20-40</td>
</tr>
<tr>
<td>Propane</td>
<td>68476-86-8</td>
<td>8-20</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

General Advice
When symptoms persist or in all cases of doubt seek medical advice.

Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.

Skin Contact
Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if you feel unwell.

Ingestion
Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
Most important symptoms and effects

Symptoms
May cause eye burns and permanent eye damage. Direct contact with skin can cause irritation or redness. May cause irritation to the mucous membranes and upper respiratory tract. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical. Carbon dioxide (CO2). Foam.

Unsuitable Extinguishing Media
Use water spray with caution to prevent the spread of flames.

Specific Hazards Arising from the Chemical
Pressurized container: May burst if heated. Combustion products may be toxic. Extremely flammable.

Hazardous Combustion Products
Carbon oxides.

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. Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool. Do not allow run-off from fire-fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Ventilate affected area. Remove all sources of ignition. Use non-sparking tools. Refer to protective measures listed in sections 7 and 8.

Environmental Precautions
Prevent contamination of surface and groundwater.

Methods and material for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up
Take up with sand or other non-combustible absorbent material and place into containers for later disposal. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling
Wash thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing vapors or mists. Use only in well-ventilated areas. Contaminated work clothing should not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near flame or open lights. Pressurized container: Do not pierce or burn, even after use. Avoid contact with skin, eyes or clothing. Empty containers may contain flammable vapors/residue.
Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat. Inspect containers periodically for defects. Protect container from physical damage.

Incompatible Materials


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear eye/face protection. Chemical splash goggles.

Skin and Body Protection

Wear suitable gloves. Consult the glove manufacturer for the most appropriate glove material.

Respiratory Protection

In the case of vapor formation, use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

General Hygiene Considerations

Do not breathe vapors or spray mist. Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Colorless aerosol spray</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>144.4 °C / 292 °F</td>
<td>Tag Closed Cup (concentrate)</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>144.4 °C / 292 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>52.8 °C / 127 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>0.28 minutes</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Flammable aerosol</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>10.0%</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>1.0%</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>1 mm Hg</td>
<td>@ 21 °C (70 °F)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>4.7</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.765</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>50%</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to Avoid
Avoid direct sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Do not puncture or incinerate cans.

Incompatible Materials

Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact
Causes serious eye damage.

Skin Contact
Causes skin irritation. May cause an allergic skin reaction.

Inhalation
Do not inhale.

Ingestion
Do not ingest.

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>d-Limonene 5989-27-5</td>
<td>-</td>
<td>&gt; 5 g/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl lactate 97-64-3</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects

Symptoms
Please see section 4 of this SDS for symptoms.
Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization**  May cause an allergic skin reaction.

**Carcinogenicity**  Not classifiable as a human carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td></td>
<td>Group 3</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**Legend**

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

**STOT - single exposure**  May cause respiratory irritation.

**Numerical measures of toxicity**
Not determined

12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Very toxic to aquatic life with long lasting effects.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5989-27-5</td>
<td></td>
<td></td>
<td>0.619 - 0.796: 96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pimephales promelas mg/L</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LC50 flow-through 35: 96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Oncorhynchus mykiss mg/L</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LC50</td>
<td></td>
</tr>
</tbody>
</table>

**Persistence/Degradability**
Not determined.

**Bioaccumulation**
Not determined.

**Mobility**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>&lt;=2.8</td>
</tr>
<tr>
<td>68476-86-8</td>
<td></td>
</tr>
</tbody>
</table>

**Other Adverse Effects**
Not determined

13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes**
Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**
Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>Toxic</td>
</tr>
<tr>
<td>5989-27-5</td>
<td></td>
</tr>
</tbody>
</table>
14. TRANSPORT INFORMATION

**Note**
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Domestic Ground transportation only.

**DOT**
- **UN/ID No**: UN1954
- **Proper Shipping Name**: Compressed gas, flammable, n.o.s., (Propane)
- **Hazard Class**: 2.1

15. REGULATORY INFORMATION

### International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>d-Limonene</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ethyl lactate</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Propane</td>
<td>Present</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**Legend:**
- **TSCA**: United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL**: Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS**: European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS**: Japan Existing and New Chemical Substances
- **IECSC**: China Inventory of Existing Chemical Substances
- **KECL**: Korean Existing and Evaluated Chemical Substances
- **PICCS**: Philippines Inventory of Chemicals and Chemical Substances
- **AICS**: Australian Inventory of Chemical Substances

### US Federal Regulations

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.
U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl lactate</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>97-64-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Issue Date: 09-Jan-2012  
Revision Date: 17-Apr-2018  
Revision Note: Product Code Update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet