



# Safety Data Sheet

Issue Date: 09-Jan-2012

Revision Date: 06-Feb-2014

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Nexgen Metal & Mold Cleaner

### Other means of identification

**SDS #** 46410  
**Product Code** 46410  
**UN/ID No** UN1950

### Recommended use of the chemical and restrictions on use

**Recommended Use** Aerosol spray for general cleaning and wiping; oil spill clean up and remediation; de-waxing; paint line flush and clean up; ink, tar and adhesive removal; paint and graffiti removal; removing silicone and lithium grease; degreasing.

### 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

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable Aerosols	Category 2

### Signal Word

**Danger**

### Hazard Statements

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

**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

Chemical Name	CAS No	Weight-%
d-Limonene	5989-27-5	40-70
Ethyl lactate	97-64-3	20-40
Propane	74-98-6	10-15

\*\*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

<b>General Advice</b>	When symptoms persist or in all cases of doubt seek medical advice.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
<b>Skin Contact</b>	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if you feel unwell.
<b>Ingestion</b>	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

<b>Symptoms</b>	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.
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### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO<sub>2</sub>). 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** Acids. Bases. Oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>

### 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

<b>Physical State</b>	Aerosol	<b>Odor</b>	Sweet
<b>Appearance</b>	Colorless aerosol spray	<b>Odor Threshold</b>	No information available
<b>Color</b>	Colorless		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	No information available		
<b>Melting Point/Freezing Point</b>	No information available		
<b>Boiling Point/Boiling Range</b>	144.4 °C / 292 °F		
<b>Flash Point</b>	52.8 °C / 127 °F	Tag Closed Cup (concentrate)	
<b>Evaporation Rate</b>	0.28 minutes		
<b>Flammability (Solid, Gas)</b>	Flammable aerosol		
<b>Upper Flammability Limits</b>	10.0%		
<b>Lower Flammability Limit</b>	1.0%		
<b>Vapor Pressure</b>	1 mm Hg	@ 21°C (70°F)	
<b>Vapor Density</b>	4.7		
<b>Specific Gravity</b>	0.765		
<b>Water Solubility</b>	50%		
<b>Solubility in other solvents</b>	No information available		
<b>Partition Coefficient</b>	No information available		
<b>Auto-ignition Temperature</b>	No information available		
<b>Decomposition Temperature</b>	No information available		
<b>Kinematic Viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Explosive Properties</b>	May be sensitive to static discharge	
<b>Oxidizing Properties</b>	None known	
<b>VOC Content</b>	No information available	

## 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

Acids. Bases. Oxidizing agents.

### 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** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

### Component Information

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
d-Limonene 5989-27-5	-	> 5 g/kg ( Rabbit )	-
Ethyl lactate 97-64-3	> 2000 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h

### 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.

Chemical Name	ACGIH	IARC	NTP	OSHA
d-Limonene 5989-27-5		Group 3		

**Legend**

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens"

**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.

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

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Propane 74-98-6	2.3

**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**

Chemical Name	California Hazardous Waste Status
d-Limonene 5989-27-5	Toxic

## 14. TRANSPORT INFORMATION

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

### DOT

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard Class 2.1

### IATA

UN/ID No UN1950  
 Proper Shipping Name Aerosols, flammable  
 Hazard Class 2.1

### IMDG

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard Class 2.1  
 Marine Pollutant This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### SARA 313

Not determined

### US State Regulations

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethyl lactate 97-64-3	X	X	X
Propane 74-98-6	X	X	X



**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical Hazards**

Not determined

**Personal Protection**

Not determined

**Issue Date:** 09-Jan-2012**Revision Date:** 06-Feb-2014**Revision Note:** New format**Disclaimer**

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**End of Safety Data Sheet**