

1. Identification

Product identifier

Product Name Nexgen Mold Cleaner

Other means of identification

SDS # 46410-MX

Product Code 46410

Recommended use of the chemical and restrictions on use

Recommended Use Industrial mold cleaner

Details of the supplier of the safety data sheet

Manufacturer Address

Slide Products Inc.
430 Wheeling Road
Wheeling, IL 60090
Phone: 1-847-541-7220
Fax: 1-847-541-7986

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. Hazard(s) identification

Classification

| | |
|--|-------------------------|
| Acute toxicity - Oral | Category 5 - (H303) |
| Skin corrosion/irritation | Category 2 - (H315) |
| Serious eye damage/eye irritation | Category 1 - (H318) |
| Skin sensitization | Category 1 - (H317) |
| Specific target organ toxicity (single exposure) | Category 3 - (H335) |
| Flammable aerosols | Category 2 - (H223) |
| Gases under pressure | Compressed gas - (H280) |

Label elements

Signal word

Danger

Hazard statements

H303 - May be harmful if swallowed
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H223 - Flammable aerosol
H280 - Contains gas under pressure; may explode if heated



Exclamation mark
Corrosion
Flame
Gas cylinder

Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P272 - Contaminated work clothing should not be allowed out of the workplace
P271 - Use only outdoors or in a well-ventilated area
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P251 - Do not pierce or burn, even after use
P211 - Do not spray on an open flame or other ignition source
P280 - Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response**Eyes**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P362 + P364 - Take off contaminated clothing and wash it before reuse
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

Inhalation

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell

Precautionary Statements - Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P410 + P412 - 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 Information

Very toxic to aquatic life with long lasting effects

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

| Chemical name | CAS No | Weight-% |
|---------------|------------|----------|
| d-Limonene | 5989-27-5 | 20-40 |
| Ethyl lactate | 97-64-3 | 50-60 |
| Propane | 68476-86-8 | 8-20 |

4. First-aid measures

Description of first aid measures

| | |
|-----------------------|---|
| General advice | When symptoms persist or in all cases of doubt seek medical advice. |
| Inhalation | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if you feel unwell. |
| 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. |
| 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, both acute and delayed

| | |
|------------------|--|
| 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

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. Fire-fighting measures

| | |
|---|--|
| Suitable Extinguishing Media | Dry chemical. Carbon dioxide (CO ₂). 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. |
| Explosion Data | |
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |
| Special protective actions for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

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

Environmental precautions Prevent contaminated 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 cleaning up Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Wear protective gloves/protective clothing/eye protection/face protection.

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.

8. Exposure controls/personal protection

Control parameters

Exposure Limits 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 | Handle in accordance with good industrial hygiene and safety practice. |

9. Physical and chemical properties

Information on basic physical and chemical properties

| | |
|-----------------------|-------------------------|
| Physical state | Aerosol |
| Appearance | Colorless aerosol spray |
| Color | Colorless |
| Odor | Sweet |
| Odor Threshold | Not determined |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|--------------------------|-------------------------|
| pH | No information available | |
| Melting point / freezing point | No information available | |
| Boiling point / boiling range | 144.4 °C / 291.92 °F | |
| Flash point | 52.8 °C / 127.04 °F | Tag Closed Cup |
| Evaporation Rate | 0.28 minutes | |
| Flammability (Solid, Gas) | Flammable aerosol | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | 10.0% | |
| Lower flammability or explosive limits | 1.0% | |
| Vapor Pressure | 1 mm Hg | |
| Vapor Density | 4.7 | |
| Relative Density | 0.765 | |
| Water Solubility | 50% | |
| Solubility in other solvents | No information available | |
| Partition Coefficient | No information available | |
| Autoignition temperature | No information available | |
| Decomposition temperature | No information available | |
| Kinematic viscosity | No data available | |
| Dynamic Viscosity | No information available | |

Other information

| | |
|-----------------------------|-------------------|
| Oxidizing properties | No data available |
| Explosive properties | No data available |
| Molecular weight | No data available |
| Liquid Density | No data available |
| Bulk density | No data available |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | Not reactive under normal conditions. |
| Chemical stability | Stable under normal 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 Strong acids. Strong bases. Strong oxidizing agents.

Hazardous decomposition products Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Do not inhale.

Eye contact Avoid contact with eyes.

Skin contact Avoid contact with skin.

Ingestion May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Acute toxicity

Numerical measures of toxicity

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

Oral LD50 3,579.20 mg/kg

ATEmix (dermal) 5,752.90 mg/kg

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------|---|--|-----------------|
| d-Limonene 5989-27-5 | = 4400 mg/kg (Rat) = 5200 mg/kg (Rat) | > 5 g/kg (Rabbit) | - |
| Ethyl lactate 97-64-3 | = 8200 mg/kg (Rat) > 2000 mg/kg (Rat) | > 5000 mg/kg (Rat) > 5 g/kg (Rabbit) | - |

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

Interactive effects Not classified.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity Not classified.

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

| Chemical name | ACGIH | IARC | NTP | Mexico |
|-------------------------|-------|---------|-----|--------|
| d-Limonene 5989-27-5 | - | Group 3 | - | - |

Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity Not classified.

STOT - single exposure May cause respiratory irritation.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

Other information Not classified.

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 | - | 35: 96 h Oncorhynchus mykiss mg/L LC50 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through | - | - |

Persistence/Degradability No data available.

Bioaccumulation There is no data for this product.

Component Information

| Chemical name | Partition coefficient |
|-----------------------|-----------------------|
| Propane 68476-86-8 | 2.8 |

Other Adverse Effects No data available.

13. Disposal considerations

Waste Treatment Methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport information

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

MEX

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

TDG

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

DOT

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

IATA

UN number UN1950
 Proper Shipping Name Aerosols, flammable
 Transport hazard class(es) 2.1

IMDG

UN number UN1950
 Proper Shipping Name Aerosols
 Transport hazard class(es) 2.1
 Marine Pollutant This material may meet the definition of a marine pollutant

15. Regulatory information

REGULATORY INFORMATION**International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

| Chemical name | TSCA | DSL/NDL L | EINECS/ ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------|------|--------------|-------------------|------|-------|------|-------|------|
| d-Limonene | X | X | X | X | X | X | X | X |
| Ethyl lactate | X | X | X | X | X | X | X | X |
| Propane | X | X | X | | X | X | X | X |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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

16. Other information

| | | | | |
|--------------------|--------------------------------------|------------------------------------|--|--|
| <u>NFPA</u> | Health hazards Not determined | Flammability Not determined | Instability Not determined | Physical and chemical properties Not determined |
| <u>HMIS</u> | Health hazards Not determined | Flammability Not determined | Physical hazards Not determined | Personal protection Not determined |

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan GHS Classification
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 RTECS (Registry of Toxic Effects of Chemical Substances)
 World Health Organization

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The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

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