

NILODOR INCORPORATED

Safety Data Sheet Nilium, Lemon SDS

SECTION 1: Identification

1.1 Product identifier

Product name Nilium, Lemon SDS

1.4 Supplier's details

Name Nilodor Incorporated
Address 10966 Industrial Parkway
Bolivar OH 44612

Telephone 330-874-1017

1.5 Emergency phone number(s)

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H315
H318

Causes skin irritation
Causes serious eye damage

Precautionary statement(s)

P264
P280
P302+P352
P305+P351+P338

Wash ... thoroughly after handling.
Wear eye protection/face protection/protective gloves.
IF ON SKIN: Wash with plenty of water/...
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/doctor/...
Specific treatment (see ... on this label).
If skin irritation occurs: Get medical advice/attention.

P310
P321
P332+P313

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P362+P364

Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Component 1 (trade secret)*

Concentration > 0 - < 0.5 % (weight)

- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, oral, Cat. 3
- Skin corrosion/irritation, Cat. 1B
- Sensitization, skin, Cat. 1
- Hazardous to the aquatic environment, short-term (acute), Cat. 1
- Hazardous to the aquatic environment, long-term (chronic), Cat. 1

H301 Toxic if swallowed
H311 Toxic in contact with skin
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction
H331 Toxic if inhaled
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

2. Component 2 (trade secret)*

Concentration > 1 - < 5 % (weight)

- Flammable liquids, Cat. 2

H225 Highly flammable liquid and vapor

3. Component 3 (trade secret)*

Concentration > 1 - < 5 % (weight)

- Flammable liquids, Cat. 3
- Acute toxicity, dermal, Cat. 5
- Acute toxicity, inhalation, Cat. 5
- Acute toxicity, oral, Cat. 5
- Aspiration hazard, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1B
- Eye damage/irritation, Cat. 2A

H226 Flammable liquid and vapor
H303 May be harmful if swallowed
H304 May be fatal if swallowed and enters airways
H313 May be harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

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H333 May be harmful if inhaled

4. Component 4 (trade secret)*

Concentration > 0 - < 0.5 % (weight)

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

5. Component 5 (trade secret)*

Concentration > 5 - < 10 % (weight)

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1

H302 Harmful if swallowed
H318 Causes serious eye damage

6. Component 6 (trade secret)*

Concentration > 1 - < 5 % (weight)

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Respiratory

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

7. Component 7 (trade secret)*

Concentration > 1 - < 5 % (weight)

- Acute toxicity, oral, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H332 Harmful if inhaled

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

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4.1 Description of necessary first-aid measures

If inhaled	If symptomatic, move to fresh air. If not breathing, give artificial respiration. Do NOT use mouth-to-mouth resuscitation. If symptoms persist, obtain medical attention immediately.
In case of skin contact	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash with soap and water. Do not apply any medicated agents except on the advice from a physician. Get medical attention if necessary.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not apply any medicated agents except on the advice from a physician. Seek immediate medical attention/advice.
If swallowed	Do not induce vomiting without medical advice. Drink 2-3 large glasses of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. To ensure airway is open, position with head lower than body and transport immediately to a medical facility.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Dry powder. Foam. Carbon dioxide (CO₂).

5.3 Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Prevent human exposure to fire, fumes, smoke and products of combustion. Evacuate non-essential personnel.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear chemical safety glasses with side shields or chemical goggles and heavy rubber gloves.

6.2 Environmental precautions

Prevent product from entering drains or open waters. See Section 12 for additional Ecological Information.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Cover and contain spill with an absorbent material such as pet litter, sand or vermiculite. Sweep up and shovel into suitable containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not eat, drink, or smoke when handling this product. Avoid contact with skin, eyes or clothing. Avoid breathing dusts. Avoid breathing vapors or mists. Use personal protection recommended in Section 8. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from excessive heat. Keep from freezing. Store only in approved containers.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Component 2 (trade secret)*

PEL (Inhalation): 1900 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1000 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): (ST) 1000 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Apply technical measures to comply with the occupational exposure limits. Ventilation systems. Eyewash stations. Showers.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use approved eye protection to avoid eye contact.

Skin protection

Chemical resistant protective gloves when handling large quantities.

Respiratory protection

Where there is a potential for airborne exposures, wear NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear pale yellow liquid
Odor	Lemon
Odor threshold	No data available
pH	6.0-8.0
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	>205PMCC
Evaporation rate	No data available
Flammability (solid, gas)	Not Flammable
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.0-1.01
Solubility(ies)	Water Soluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	As water
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

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10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Excessive heat.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Avoid contact with skin.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitization

Not expected to trigger a sensitized reaction.

Carcinogenicity

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

SECTION 12: Ecological information

Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal of the product

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

Disposal of contaminated packaging

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

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

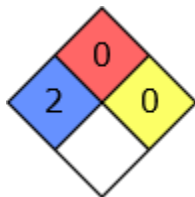
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Nilium, Lemon SDS	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.