

ConLube™ 80

SAFETY DATA SHEET

Preparation Date: 15-Jun-2007

Revision Date: 08-Sep-2021

Revision Number: 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name ConLube™ 80

Other means of identification

Item#: 1941

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Lubricant, Restricted to professional users

Uses advised against All other

Details of the supplier of the safety data sheet

Supplier DeLaval Cleaning Solutions
11100 N. Congress Ave.
Kansas City, MO 64153 : 816-891-7700, 8am – 5pm M-F

Emergency Telephone Number

Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

| | |
|-----------------------------------|---------------------------|
| Acute Toxicity - Oral | Category 4 |
| Skin Corrosion/Irritation | Category 1 Sub-category B |
| Serious eye damage/eye irritation | Category 1 |
| Corrosive to metals | Category 1 |

Label Elements

Emergency Overview

DANGER

Hazard Statements

Harmful if swallowed
Causes severe skin burns and eye damage
May be corrosive to metals



| | | |
|--------------------------|------------------------------|--------------------------------------|
| Appearance Yellow | Physical state Liquid | Odor No information available |
|--------------------------|------------------------------|--------------------------------------|

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Do not breathe dust/fume/gas/mist/vapors/spray
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician

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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do not induce vomiting.

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No. | Weight-% |
|---------------------|-----------|----------|
| Potassium hydroxide | 1310-58-3 | 1 - 10 |
| Triethanolamine | 102-71-6 | 1 - 10 |

If a concentration range is shown, the exact concentration has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first-aid measures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical advice/attention.

Skin contact Wash off immediately with plenty of water. If skin irritation persists, call a physician.

Inhalation Move to fresh air. Get medical attention immediately if symptoms occur.

Ingestion Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person. Rinse mouth.

Most important symptoms and effects, both acute and delayed

Contact with eyes or skin causes irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

Specific hazards arising from the chemical

No information available.

Sensitivity to static discharge None.

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.

NFPA **Health hazards** 2 **Flammability** 0 **Instability** 1

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials strong oxidizing agents, strong acids, strong bases

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------------------------|------------------------------|------------------------------|------------|
| Potassium hydroxide 1310-58-3 | Ceiling: 2 mg/m ³ | Ceiling: 2 mg/m ³ | - |
| Triethanolamine 102-71-6 | TWA: 5 mg/m ³ | | - |

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety glasses with side-shields.

| | |
|---------------------------------------|---|
| Skin and body protection | Wear protective gloves and protective clothing. |
| Respiratory Protection | In case of inadequate ventilation wear respiratory protection. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|---|--------------------------|------------------------|--------------------------|
| Physical state | Liquid | Odor | No information available |
| Appearance | Yellow | Odor Threshold | No information available |
| Property | Values | Remarks/ Method | |
| pH | 11 | | |
| Melting point/freezing point | No information available | | |
| Boiling Point/Range | No information available | > 212 °F | |
| Flash Point | No information available | | |
| Evaporation rate | No information available | | |
| Flammability (solid, gas) | No information available | | |
| Flammability Limit in Air | | | |
| Upper flammability limit | No information available | | |
| Lower flammability limit | No information available | | |
| Vapor Pressure | No information available | | |
| Vapor Density | No information available | | |
| Specific Gravity | 1.07 | | |
| Water Solubility | soluble | | |
| Partition coefficient: n-octanol/water | No information available | | |
| Autoignition Temperature | No information available | | |
| Decomposition temperature | No information available | | |
| Viscosity of Product | No information available | | |
| Dynamic viscosity | No information available | | |
| <u>Other information</u> | | | |
| Liquid Density | No information available | | |

10. STABILITY AND REACTIVITY

Reactivity

May react with other chemicals. Do not mix with other chemicals except as directed on label.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None known.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

strong oxidizing agents, strong acids, strong bases

Hazardous decomposition products

Carbon dioxide (CO₂). Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Principal Routes of Exposure Eye contact, Skin contact, Ingestion

Information on likely routes of exposure

Eyes Irritating to eyes.
Skin May cause skin irritation and/or dermatitis.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Sensitization Product is not identified as a sensitizer according to OSHA regulations.
Mutagenic effects Product is not identified as a mutagen according to OSHA regulations.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|-----------------------------|------------|---------|------------|------------|
| Triethanolamine 102-71-6 | Not Listed | Group 3 | Not Listed | Not Listed |

Legend:

IARC (International Agency for Research on Cancer)
 Group 3 - Not classifiable

Reproductive Effects Product is not identified as having reproductive effects according to OSHA regulations.
STOT - single exposure Product is not identified as having single target organ toxicity (single exposure) according to OSHA regulations.
STOT - repeated exposure Product is not identified as having single target organ toxicity (repeated exposure) according to OSHA regulations.
Aspiration Hazard Product is not identified as an aspiration hazard according to OSHA regulations.

Numerical measures of toxicity

If available, toxicity values of individual components are shown below.

| Chemical name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|----------------------------------|----------------------|---|-------------------|
| Potassium hydroxide 1310-58-3 | = 284 mg/kg (Rat) | No data available | No data available |
| Triethanolamine 102-71-6 | = 4190 mg/kg (Rat) | > 16 mL/kg (Rat) > 20000 mg/kg (Rabbit) | No data available |

90.2% of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

If available, ecotoxicity values of individual components are shown below.

| Chemical name | Algae/aquatic plants | Fish | Microtox | Waterflea |
|----------------------------------|---|--|--------------------------|------------------------------------|
| Potassium hydroxide 1310-58-3 | No data available | 80: 96 h Gambusia affinis mg/L LC50 static | No data available | No data available |
| Triethanolamine 102-71-6 | 216: 72 h Desmodesmus subspicatus mg/L EC50 169: 96 h Desmodesmus subspicatus mg/L EC50 | 10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static | EC50 > 10000 mg/L 30 min | 1386: 24 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Waste Disposal Method** Dispose of in accordance with local regulations.**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.**14. TRANSPORT INFORMATION****DOT** Not regulated**15. REGULATORY INFORMATION**

State Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|----------------------------------|------------|---------------|--------------|
| Potassium hydroxide 1310-58-3 | X | X | X |
| Triethanolamine 102-71-6 | X | X | X |

U.S. EPA Label information**EPA Pesticide registration number** Not applicable**16. OTHER INFORMATION****Preparation Date:** 15-Jun-2007**Revision Date:** 08-Sep-2021**Revision Note:** None**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 SDS