

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Indicon™ Gel
Product code : Not available

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Hygiene monitoring product

1.3. Supplier

Manufacturer
Sterilex LLC
111 Lake Front Dr
Hunt Valley, MD 21030 - USA
T 443-541-8800

1.4. Emergency telephone number

Emergency number : VelocityEHS (ChemTel) (800)255-3924 (North America); +1 (813)248-0585 (International)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Skin Irrit. 2
Eye Dam. 1

2.2. GHS Label elements, including precautionary statements

GHS labelling

Hazard pictograms (GHS)



Signal word (GHS)

Hazard statements (GHS)

Precautionary statements (GHS)

: Danger
: H315 - Causes skin irritation.
: H318 - Causes serious eye damage.
: P264 - Wash hands, forearms and face thoroughly after handling.
: P280 - Wear protective gloves/protective clothing/eye protection/face protection.
: P302+P352 - If on skin: Wash with plenty of water.
: P305+P351+P338+P310 - 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.
: P332+P313 - If skin irritation occurs: Get medical advice/attention.
: P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards which do not result in classification

No additional information available

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Hydrogen peroxide	Hydrogen peroxide Hydrogen peroxide (H2O2) / HYDROGEN PEROXIDE / Hydrogen peroxide, aqueous solution / Dihydrogen dioxide / Hydrogen peroxide solution ...% / Aqueous solution of hydrogen peroxide / Hydrogen peroxide solution / hydrogen peroxide	CAS-No.: 7722-84-1	3 - 7
Alcohols, C12-14-secondary, ethoxylated	Alcohols, C12-14-secondary, ethoxylated Alcohols, C12-14, secondary, ethoxylated / C12-14 sec-Pareth-5 / Softanol 70 / C12-14 SEC-PARETH-3 / Softanol-70 / C12-14 sec-Pareth-9 / C12-14 sec- Pareth-8 / C12-14 sec-Pareth-7 / C12-14 sec-Pareth- 50 / C12-14 sec-Pareth-40 / C12-14 sec-Pareth-30 / C12-14 sec-Pareth-3 / C12-14 sec-Pareth-20 / C12-14 SEC-PARETH-12 / C12-14 SEC-PARETH-15 / C12-14 SEC-PARETH-20 / C12-14 SEC-PARETH-30 / Secondary alcohols, C12-14, ethoxylated / C12-14 SEC-PARETH-40 / C12-14 SEC-PARETH-5 / C12-14 SEC-PARETH-50 / C12-14 SEC-PARETH-7 / C12-14 SEC-PARETH-8 / C12-14 SEC-PARETH-9 / Ethoxylated secondary alcohols(C12-14) / c12-14 sec- pareth-3 / C12-14 sec-Pareth	CAS-No.: 84133-50-6	1 - 5
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.- hydroxy-, C10-16-alkyl ethers, sodium salts	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.- hydroxy-, C10-16-alkyl ethers, sodium salts Alcohols, C10-16, ethoxylated, sulfates, sodium salts / Alcohols, (C10-16), ethoxylated, monoether with sulfuric acid, sodium salts / (C10-16) Alcohol ethoxylate, sulphated, sodium salt / Alcoholethoxysulfate (sodium salt) / Alcoholethoxysulfate(sodium salt) / Polyethylene glycol mono-C10-16-alkyl ether sulfate sodium salt / .alpha.- Alkyl(C10-16) .omega.-hydroxypoly(oxyethylene) sulfate, sodium salt / Polyethylene glycol ethers of C10- 16 alcohols, sodium sulphates / SODIUM C10-16 PARETH-2 SULFATE / Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salt / Sodium salt alkyl ether sulphate / Sodium alkyl (C10-16) ethoxylated sulfate / .alpha.-Sulfo- .omega.-alkyl-C10-16-hydroxypoly(oxy-1,2-ethanediyl) sodium salt / Sodium salt alkyl ether sulfate / Sodium salt of [alkyl(C10-16) ether of .alpha.-hydro-.omega.- (sulfooxy)poly(oxyethylene)]	CAS-No.: 68585-34-2	1 - 5
Alcohols, C10-16, ethoxylated	Alcohols, C10-16, ethoxylated PEG alkyl(C10-16) ether / Ethoxylated alcohols (C10- 16) / Polyethylene glycol ethers of C10-16 alcohols / .alpha.-Alkyl(C10-16)-.omega.- hydroxypoly(oxyethylene) / Ethoxylated alcohols(C10- 16) / C10-16 Pareth-1	CAS-No.: 68002-97-1	0.1 - 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Indicon™ Gel

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 4: First-aid measures

4.1. Description of first aid measures

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|---------------------------------------|---|
| First-aid measures after inhalation | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. |
| First-aid measures after skin contact | : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : 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. |
| First-aid measures after ingestion | : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. |

4.2. Most important symptoms and effects (acute and delayed)

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|-------------------------------------|--|
| Symptoms/effects after inhalation | : May cause irritation to the respiratory tract. |
| Symptoms/effects after skin contact | : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. |
| Symptoms/effects after eye contact | : Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns. |
| Symptoms/effects after ingestion | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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|--------------------------------|---|
| Suitable extinguishing media | : Foam, powder, carbon dioxide (CO ₂), water spray. For large fires: water spray. |
| Unsuitable extinguishing media | : Do not use water jet. |

5.2. Specific hazards arising from the chemical

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|-------------|--|
| Fire hazard | : Products of combustion may include, and are not limited to: oxides of carbon, irritating vapours. Toxic gases may be formed. |
|-------------|--|

5.3. Special protective equipment and precautions for fire-fighters

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|--------------------------------|--|
| Firefighting instructions | : Use water spray to cool exposed surfaces. |
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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|-------------------------------------|--|
| General measures | : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |
| 6.1.1. For non-emergency personnel | |
| Emergency procedures | : Evacuate unnecessary personnel. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. |
| 6.1.2. For emergency responders | |
| No additional information available | |

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6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. Keep container tightly closed when not in use. When using do not eat, drink or smoke.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in original container. Store in a dry, cool and well-ventilated place.
- Incompatible materials : Strong oxidizing agents. Strong alkalis.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Indicon™ Gel	
No additional information available	
Alcohols, C12-14-secondary, ethoxylated (84133-50-6)	
No additional information available	
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585-34-2)	
No additional information available	
Alcohols, C10-16, ethoxylated (68002-97-1)	
No additional information available	
Hydrogen peroxide (7722-84-1)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	1 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	1.4 mg/m³
OSHA PEL TWA [2]	1 ppm

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Hydrogen peroxide (7722-84-1)	
USA - IDLH - Occupational Exposure Limits	
IDLH [ppm]	75 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	1.4 mg/m ³
NIOSH REL TWA [ppm]	1 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers. Provide readily accessible eye wash stations and safety showers.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration
Eye protection:
Wear eye/face protection
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: gel.
Colour	: Blue
Odour	: Slight
Odour threshold	: No data available
pH	: 4.5 – 5.5
Melting point	: No data available
Freezing point	: -3.9 °C /-24.98°F
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.02
Density	: 8.51 lb/gal
Solubility	: completely miscible.
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents. Strong alkalis. reactive metals (Al, K, Zn ...).

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Sulfur oxides. Irritating fumes. Toxic gases may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

Alcohols, C12-14-secondary, ethoxylated (84133-50-6)

LD50 oral rat	2100 mg/kg
ATE CA (oral)	2100 mg/kg bodyweight

Alcohols, C10-16, ethoxylated (68002-97-1)

ATE CA (oral)	500 mg/kg bodyweight
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Hydrogen peroxide (7722-84-1)

LD50 oral rat	1518 mg/kg
LD50 dermal rabbit	9200 mg/kg
LC50 inhalation rat	2000 mg/m ³ (Exposure time: 4 h)
ATE CA (oral)	1518 mg/kg bodyweight
ATE CA (Dermal)	9200 mg/kg bodyweight

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Hydrogen peroxide (7722-84-1)	
ATE CA (Gases)	100 ppmv/4h
ATE CA (vapours)	2 mg/l/4h
ATE CA (dust,mist)	2 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: 4.5 – 5.5
Serious eye damage/irritation	: Causes serious eye damage. pH: 4.5 – 5.5
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.

Hydrogen peroxide (7722-84-1)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.

Hydrogen peroxide (7722-84-1)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
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Alcohols, C12-14-secondary, ethoxylated (84133-50-6)	
LC50 - Fish [1]	3.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 - Crustacea [1]	3.2 mg/l (Exposure time: 48 h - Species: water flea)
Hydrogen peroxide (7722-84-1)	
LC50 - Fish [1]	16.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 - Crustacea [1]	18 – 32 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 - Fish [2]	18 – 56 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LOEC (chronic)	1.25 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.63 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

Indicon™ Gel	
Persistence and degradability	Not established.

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

12.3. Bioaccumulative potential

Indicon™ Gel	
Bioaccumulative potential	Not established.
Hydrogen peroxide (7722-84-1)	
BCF - Fish [1]	(no bioaccumulation)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

TDG
Transport hazard class(es) (TDG) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

Indicon™ Gel

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

DOT
No data available

TDG
No data available

IMDG
No data available

IATA
No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

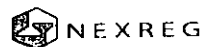
15.3. US State regulations

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986) - This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

SECTION 16: Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Revision date : 04/04/2024
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



Full text of H-statements

Eye Dam. 1	Serious eye damage/eye irritation. Category 1
Skin Irrit. 2	Skin corrosion/irritation. Category 2

Indicon™ Gel

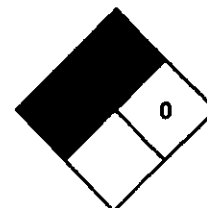
Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health

: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability

: 0 Minimal Hazard - Materials that will not burn

Physical

: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS HazCom 2012 - WHMIS 2015 (Nexreg) 2021

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