

# ECOZ S.O.S.™

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)  
Issue date: 7/30/2021 Revision date: 7/30/2021 Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : ECOZ S.O.S.™  
Product code : 90-1501, 90-1503, 90-1505

#### 1.2. Recommended use and restrictions on use

Recommended use : Concentrated, water-soluble, odor-neutralizing liquid. Specifically formulated for commercial and industrial use on floors, walls and other surfaces  
Restrictions on use : Uses other than as recommended above.

#### 1.3. Supplier

**Supplier**  
Newtech Vaportek Canada  
PO Box 80050  
L7L 6B1 Burlington ON  
T 905 632 0921

#### 1.4. Emergency telephone number

Emergency number : 905 632 0921

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Eye Irrit. 2A	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS CA) : Warning

Hazard statements (GHS-CA) : H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.

Precautionary statements (GHS-CA) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS CA)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Alcohols, C6-10, ethoxylated propoxylated	Ethoxylated propoxylated C6-10 alcohols / Poly(ethylene propylene)glycol ethers of C6-10 alcohols / Ethoxylated propoxylated alcohols(C6-10)	CAS-No.: 68987-81-5	10 – 30
α-methylcinnamaldehyde	Cinnamaldehyde, .alpha.-methyl- / Methyl cinnamic aldehyde / 2-Methyl-3-phenyl-2-propenal / .alpha.-Methylcinnamaldehyde / Prop-2-enal, 2-methyl-3-phenyl- / .alpha.-Methyl cinnamic aldehyde / .alpha.-Methylcinnamal / .alpha.-Methyl-trans-cinnamaldehyde / METHYLCINNAMIC ALDEHYDE	CAS-No.: 101-39-3	1 – 5
Cinnamaldehyde	Acrolein, 3-phenyl- / Cinnamal / Cinnamic aldehyde / Cinnamyl aldehyde / 3-Phenyl-2-propenal / 3-Phenylacrolein / 3-Phenylacrylaldehyde / 2-Propenal, 3-phenyl- / Cinnamon scent / CINNAMAL / 3-Phenylpropenal / 3-Phenylprop-2-enal	CAS-No.: 104-55-2	0.1 – 1

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

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

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 or rash 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. If eye irritation persists: Get medical advice/attention.
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)

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

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Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
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

Other medical advice or treatment	: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
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### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media	: None known.
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### 5.3. Specific hazards arising from the hazardous product

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon. Aldehydes. irritating vapours. Organic compounds.
Explosion hazard	: Containers may rupture on heating.

### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
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### 6.2. Methods and materials for containment and cleaning up

For containment	: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal.

### 6.3. 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. When using do not eat, drink or smoke.
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Hygiene measures : Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
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 : Translucent liquid  
Colour : Pale brown  
Odour : Cinnamon  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Relative evaporation rate (ether=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : > 200 °F (93.3 °C)

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Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Completely miscible with: Water.
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Incompatible materials.
Incompatible materials	: Strong acids. Strong bases. reducing agents. Oxidizing agent.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Aldehydes. Irritating vapours. Organic compounds.

## 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.

#### S.O.S. Fragrance

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

#### $\alpha$ -methylcinnamaldehyde (101-39-3)

LD50 oral rat	2050 mg/kg
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
ATE CA (oral)	2050 mg/kg bodyweight

#### Cinnamaldehyde (104-55-2)

LD50 oral rat	2220 mg/kg bodyweight Animal: rat, Guideline: other., 95% CL: 1910 - 2600
LD50 oral	3400 mg/kg bodyweight Animal: guinea pig, Guideline: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: not determinable due to absence of adverse toxic effects
LD50 dermal rabbit	1260 mg/kg bodyweight Animal: rabbit, Guideline: other:
LC50 inhalation rat	68.88871 ppm Animal: rat, Guideline: other:Not Applicable;OECD Guideline 403 (Acute Inhalation Toxicity)
ATE CA (oral)	2220 mg/kg bodyweight

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Cinnamaldehyde (104-55-2)	
ATE CA (Dermal)	1260 mg/kg bodyweight
ATE CA (Gases (except aerosol dispensers and lighters))	68.889 ppmv/4h
Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.

$\alpha$ -methylcinnamaldehyde (101-39-3)	
NOAEL (subchronic, oral, animal/female, 90 days)	1875 mg/kg bodyweight Animal: mouse, Animal sex: female

Cinnamaldehyde (104-55-2)	
NOAEL (oral, rat, 90 days)	200 mg/kg bodyweight Animal: rat, Guideline: other:
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
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.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

$\alpha$ -methylcinnamaldehyde (101-39-3)	
LC50 - Fish [1]	1.7 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	1.2 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	9.9 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	≈ 14.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	7.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Cinnamaldehyde (104-55-2)	
LC50 - Fish [1]	105.7637 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	119.5578 mg/l Test organisms (species): Daphnia magna
NOEC chronic fish	15159 mg/l Test organisms (species): other: Duration: '28 d'

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### Cinnamaldehyde (104-55-2)

Partition coefficient n-octanol/water	2.22 (at 18 °C)
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### 12.2. Persistence and degradability

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Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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### Cinnamaldehyde (104-55-2)

Partition coefficient n-octanol/water	2.22 (at 18 °C)
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### 12.4. Mobility in soil

#### Cinnamaldehyde (104-55-2)

Partition coefficient n-octanol/water	2.22 (at 18 °C)
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### 12.5. Other adverse effects

Ozone : Not classified.  
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 TDG

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not regulated

### 14.3. Transport hazard class(es)

**TDG**  
Transport hazard class(es) (TDG) : Not regulated

### 14.4. Packing group

Packing group (TDG) : Not regulated

### 14.5. Environmental hazards

Other information : No supplementary information available.

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### 14.6. Special precautions for user

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

### 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. National regulations

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

## SECTION 16: Other information

Issue date : 07/30/2021  
Revision date : 07/30/2021  
  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



Safety Data Sheet (SDS), Canada - Nexreg 2021

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