

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : SYNTHETIC LEMON  
Product group : Trade product

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

Recommended use : Washing and cleaning products (including solvent based products)

#### 1.3. Supplier

##### Manufacturer

AxSys Direct Manufacturing  
4523 97 Street  
T6E 5Y8 Edmonton, AB - Canada  
T 780-436-2606 - F 780-434-5904

#### 1.4. Emergency telephone number

Emergency number : FOR EMERGENCIES INVOLVING DANGEROUS GOODS CALL CANUTEC'S 24HR NUMBER 613-996-6666

### SECTION 2: Hazard identification

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

##### Classification (GHS-CA)

Hazardous to the aquatic environment - Acute Hazard Category 3 H402

Full text of H statements : see section 16

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

##### GHS-CA labeling

Hazard pictograms (GHS-CA) :



Hazard statements (GHS-CA) : H402 - Harmful to aquatic life

Precautionary statements (GHS-CA) : P273 - Avoid release to the environment.  
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)

No data available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

# SYNTHETIC LEMON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
nonylphenoxy poly(ethyleneoxy) ethanol (9EO)	NP-9 (nonylphenoxy)polyethylene oxide (9EO) / alpha-(nonylphenyl)-omega-hydroxypoly(oxy-1,2-ethanediyl) (9 / alpha-(nonylphenyl)-omega-hydroxypolyoxyethylene (9EO) / Environmentally hazardous substance, liquid, n.o.s. / ethylene oxide-nonylphenol polymer (9EO) / glycols, polyethylene, mono(nonylphenyl) ether (9EO) / nonoxinol / nonylphenol ethoxylate (9EO) / nonylphenol ethylene oxide condensate (9EO) / nonylphenol polyethylene glycol ether (9EO) / nonylphenol polyethylene oxide (9EO) / nonylphenol, ethoxylated / nonylphenoxy polyethoxy ethanol (9EO) / nonylphenoxy poly(ethyleneoxy) ethanol (9EO) / nonylphenoxy poly(oxyethylene) ethanol (9EO) / nonylphenyl ethoxylate (9EO) / nonylphenyl polyethylene glycol ether (9EO) / nonylphenyl polyoxyethylene ether (9EO) / NP (nonionic surfactant) (9EO) / oxyethylated nonylphenol (9EO) / oxyethylene nonylphenol ether (9EO) / poly(ethylene oxide)nonylphenyl ether (9EO) / poly(oxyethylene) nonylphenol ether (9EO) / polyethoxylated nonylphenol (9EO) / polyethylene glycol mono(nonylphenol) ether (9EO) / polyethylene glycol mono(nonylphenyl) ether (9EO) / polyethylene glycol nonylphenol ether (9EO) / polyethylene glycol nonylphenyl monoether (9EO) / polyethyleneoxide mono(nonylphenyl) ether (9EO) / polyoxyethylated nonylphenol (9EO) / polyoxyethylene monononylphenyl ether (9EO)	(CAS-No.) 9016-45-9	1 - 25	Aquatic Acute 2, H401

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

#### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Unsuitable extinguishing media

No additional information available

#### 5.3. Specific hazards arising from the hazardous product

No additional information available

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

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

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

No additional information available

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

#### 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 : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 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:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: yellow
Odor	: Lemon odour
Odor threshold	: No data available
pH	: 7
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: 0 °C
Boiling point	: 100 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: No data available

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Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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
Skin corrosion/irritation	: Not classified pH: 7
Serious eye damage/irritation	: Not classified pH: 7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life.

#### nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)

LC50 fish 2	7 mg/l (LC50; 96 h; Leuciscus idus)
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### 12.2. Persistence and degradability

#### nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)

Persistence and degradability	Not readily biodegradable in water.
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### 12.3. Bioaccumulative potential

#### nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)

Log Pow	> 4
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### 12.4. Mobility in soil

#### nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)

Log Pow	> 4
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### 12.5. Other adverse effects

GWPMix comment : No known effects from this product.

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## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

#### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

#### 14.3. Air and sea transport

#### IMDG

Not regulated for transport

#### IATA

Not regulated for transport

### SECTION 15: Regulatory information

#### 15.1. National regulations

##### nonylphenoxy poly(ethyleneoxy) ethanol (9EO) (9016-45-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### 15.2. International regulations

##### nonylphenoxy poly(ethyleneoxy) ethanol (9EO) (9016-45-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### SECTION 16: Other information

SDS Major/Minor : None

Full text of H-phrases:

H401	Toxic to aquatic life
H402	Harmful to aquatic life

SDS Canada (GHS)

*While the descriptions, data and information contained herein are presented in good faith and believed to be current, it is provided for guidance only. Because there are so many factors that may affect processing, application or other use, we recommended that you perform an assessment to determine the suitability of the product for your particular purpose prior to use. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. No warranties of any kind, either expressed or implied, including fitness for a particular purpose, are made regarding the product described. We assume NO responsibility for any injuries sustained from misuse or misapplication of this product or that might be experienced due to inhalation, ingestion, absorption or other contact with this product. In no case shall the descriptions, information or data provided be considered a part of our terms and conditions of sale. Further, the descriptions, data and information furnished hereunder are given gratis. No obligation or liability for the description, data and information given are assumed. All such, it has been given and accepted at your risk.*