



# HAND SANITIZER PLUS

## Safety Data Sheet

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

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : HAND SANITIZER PLUS  
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)

Not classified

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

##### GHS CA labeling

No labeling applicable

#### 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

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
water	water	CAS-No.: 7732-18-5		Not classified

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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	CAS-No.: 9016-45-9		Aquatic Acute 2, H401
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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
	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)			
GLYCERINE (KOSHER GRADE)	-	CAS-No.: 56-81-5		Not classified

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/doctor/physician if you feel unwell.

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### 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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 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.

## 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

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### 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

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Colorless, viscous liquid.
Color	: clear
Odor	: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Mild odour Pleasant odour Sweet odour Odourless
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: ≤ 114 °C
Boiling point	: ≥ 79 °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
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and 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).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

## 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
Serious eye damage/irritation	: Not classified
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	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Aquatic acute	: Not classified
Aquatic chronic	: Not classified

nonylphenoxy(ethyleneoxy)ethanol (9EO) (9016-45-9)	
LC50 - Fish [2]	7 mg/l (LC50; 96 h; Leuciscus idus)
Partition coefficient n-octanol/water (Log Pow)	> 4
Threshold limit - Algae [1]	500 mg/l (EC50)

### 12.2. Persistence and degradability

nonylphenoxy(ethyleneoxy)ethanol (9EO) (9016-45-9)	
Persistence and degradability	Not readily biodegradable in water.

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### 12.3. Bioaccumulative potential

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

Partition coefficient n-octanol/water (Log Pow)	> 4
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### 12.4. Mobility in soil

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

Partition coefficient n-octanol/water (Log Pow)	> 4
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### 12.5. Other adverse effects

Ozone : Not classified

## 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. UN number

Not regulated for transport

### 14.2. UN proper shipping name

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

### 14.3. Transport hazard class(es)

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

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

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

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

### 14.4. Packing group

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

### 14.5. Environmental hazards

Other information : No supplementary information available.

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### 14.6. Special precautions for user

#### TDG

No data available

#### DOT

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. National regulations

#### water (7732-18-5)

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

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

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

### 15.2. International regulations

#### water (7732-18-5)

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

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

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

## SECTION 16: Other information

### Full text of H-phrases:

H401	Toxic to aquatic life
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Safety Data Sheet (SDS), Canada

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.