

# 1492 GERMICIDAL DETERGENT

## 1. IDENTIFICATION

**Product name** : 1492 GERMICIDAL DETERGENT

**Product code** : 09-12200      **Other means of identification** : Not available.

**Supplier** : Wood Wyant  
A division of Sani-Marc Group  
42, rue de l'Artisan  
Victoriaville, Québec  
G6P 7E3  
1-819-758-1541

**Manufacturer** : Wood Wyant  
A division of Sani-Marc Group  
42, rue de l'Artisan  
Victoriaville, Québec  
G6P 7E3  
1-819-758-1541

**Identified uses** : Industrial applications: Germicide.  
This MSDS is provided as information only. The product is not WHMIS regulated. The product is regulated under the food and drug Act. DIN 00405671

**Uses advised against** : Not available.

**Date of issue (YYYY-MM-DD)** : 2017-09-12

**In case of emergency** : **Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)**

## 2. HAZARDS IDENTIFICATION

Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.

**Product Classification** : SKIN IRRITATION - Category 2  
EYE IRRITATION - Category 2B

**Signal word** : Warning

**Hazard pictograms** :



**Hazard statements** : May cause eye irritation.  
May cause skin irritation.

Precautionary statements

**General** : Read label before use. Keep out of reach of children.

**Prevention** : Wash hands thoroughly after handling. Specific protective equipment is suggested for this product. See section 8 for details.

**Response** : IF ON SKIN: Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. Rinse with water.  
IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : No specific measure needed. See section 7 for more information on handling and storage.

**Disposal** : No specific measure needed. See section 13 for waste disposal information.

**Supplemental label elements** : No additional information.

**Other hazards which do not result in classification** : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Undecan-1-ol, ethoxylated	34398-01-1	1 - 5
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	1 - 5
pentasodium triphosphate	7758-29-4	1 - 5
Ethanol	64-17-5	0 - 1
trisodium nitrilotriacetate	5064-31-3	0 - 1
methanol	67-56-1	0 - 1

Occupational exposure limits, if available, are listed in Section 8.

### 4. FIRST AID MEASURES

#### Description of required first aid measures

**Eye contact** In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention.

**Skin contact** In case of irritation, rinse with water. Get medical attention if irritation persists.

**Ingestion** Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Inhalation** Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.

#### Most important symptoms/effects, acute and delayed

**Eye contact** Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

**Skin contact** Adverse symptoms may include the following:  
irritation  
redness

**Ingestion** No specific symptoms under normal use conditions.

**Inhalation** No specific symptoms under normal use conditions.

**Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

**Suitable extinguishing media** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical** In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
phosphorus oxides  
metal oxide/oxides

**Special fire-fighting procedures** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required.
<b>Personal protection</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Cleaning method</b>	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.
<b>Storage and Incompatibility</b>	Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure limits</b>	None.
<b>Appropriate engineering controls</b>	Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use if this product.
<b>Individual protection measures</b>	
<b>Eye/face protection</b>	Continued or intense exposures might required to wear safety glasses. It is minimally suggested to wear safety glasses while using or handling this product.
<b>Hands and Body protection</b>	It is suggested to wear chemical-resistant gloves while using or handling this product.
<b>Respiratory protection</b>	No specific protective equipment required under normal use conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid. [Limpid liquid]	<b>pH</b>	10.15	<b>Flash point</b>	[Product does not sustain combustion.]
<b>Color</b>	Yellow. [Light]	<b>Relative density</b>	Not available.	<b>Melting point</b>	Not available.
<b>Odor</b>	Citrus [Slight]	<b>Viscosity</b>	Not available.	<b>Boiling point</b>	100°C (212°F)
<b>Odor threshold</b>	Not available.	<b>Vapor pressure</b>	Not available.	<b>Fire point</b>	: Not available.
<b>Solubility in water</b>	: Not available.	<b>Vapor density</b>	: Not available.	<b>Evaporation rate</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.	<b>Auto-ignition temperature</b>	: Not available.		
<b>Partition coefficient: n-octanol/ water</b>	: Not available.	<b>Flammability (solid, gas)</b>	: Not available.		
<b>Lower and upper explosive (flammable) limits</b>			: Not available.		

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	The product is stable.
<b>Incompatible materials</b>	No specific data.
<b>Conditions to avoid</b>	No specific data.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

<b>Route of exposure</b>	Routes of entry anticipated: Oral, Dermal, Inhalation.	
	<u>Potential acute health effects</u>	<u>Symptoms</u>
<b>Eye contact</b>	May cause eye irritation.	Adverse symptoms may include the following: pain or irritation watering redness
<b>Skin contact</b>	May cause skin irritation.	Adverse symptoms may include the following: irritation redness
<b>Ingestion</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
<b>Inhalation</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.

### Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
Undecan-1-ol, ethoxylated	LD50 Dermal	Rabbit	2001 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	LD50 Oral	Rat	426 mg/kg	-
	LD50 Oral	Rat	3120 mg/kg	-
pentasodium triphosphate	LD50 Oral	Rat	6500 mg/kg	-
	LD50 Oral	Rat	6500 mg/kg	-
trisodium nitrilotriacetate	LD50 Dermal	Rabbit	>10000 mg/kg	-
	LD50 Oral	Rat	1000 mg/kg	-
	LD50 Oral	Rat	1450 mg/kg	-

### Information on toxicological effects

<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.
<b>Sensitization</b>	Not available.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity data

Product/ingredient name	Result	Species	Exposure
Undecan-1-ol, ethoxylated	Acute EC50 2100 to 2500 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 37 ppb Fresh water	Daphnia - Daphnia magna	48 hours
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Acute LC50 64 ppb Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 4.15 ppb Marine water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 32.2 ppb	Fish - Pimephales promelas	34 days
	Acute EC50 276.61 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
pentasodium triphosphate			
trisodium nitrilotriacetate	Acute EC50 780 mg/l	Daphnia	48 hours
	Acute LC50 185000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute LC50 98 mg/l	Fish	96 hours
	Acute LC50 312 mg/l	Fish	96 hours
	Chronic NOEC 100000 µg/l Fresh water	Algae - Algae - Exponential growth phase	96 hours
	Chronic NOEC 100000 µg/l Fresh water	Daphnia - Daphnia magna	21 days

**Persistence and degradability** : Unknown **Bioaccumulative potential** : Unknown **Mobility in soil** : Unknown **Other adverse effects** : Unknown

### 13. DISPOSAL CONSIDERATIONS

Disposal methods                      Dispose content and container in accordance with local, regional and national regulation in force.

### 14. TRANSPORT INFORMATION

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	TDG Placard
TDG Classification	Not regulated.	-	-	-	

Additional information                      See shipping documents for specific information on DOT, IMDG or IATA

### 15. REGULATORY INFORMATION

Canadian lists

Canadian NPRI                              None of the components are listed.

CEPA Toxic substances                      None of the components are listed.

Canada inventory                              All components are listed or exempted.

International lists

United States                              All components are listed or exempted.

### 16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health Hazard	2
Fire Hazard	0
Reactivity	0
Personal Protection	B

Date of issue/Date of revision (YYYY-MM-DD)                      : 2017-09-12

Prepared by                      : Regulatory Affairs Department  
    Wood Wyant  
    A division of Sani-Marc Group  
    42, rue de l'Artisan  
    Victoriaville, Québec  
    G6P 7E3  
    1-819-758-1541

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.