


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.		
<u>Precautionary statements</u>			
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

Personal precautions	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.
Personal protection	Put on appropriate personal protective equipment (see Section 8).
Cleaning method	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

Handling	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.
Storage and Incompatibility	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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Sensitization	Not available.
Carcinogenicity	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	Acute EC50 780 mg/l	Daphnia	48 hours
	Acute LC50 185000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
trisodium nitrilotriacetate	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

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