

VERT2GO SABER CONCENTRATED

1. IDENTIFICATION

Product name : VERT2GO SABER CONCENTRATED

Product code : 09-12400 **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
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Identified uses : For hospital, industrial and institutional use.
Product certified for reduced environment impact.
UL 2794 - 2012 Standard for Sustainability for Disinfectants and Disinfectant Cleaners.
This Safety Data Sheet is provided as information only. The product is not WHMIS regulated. The product is regulated under the food and drug Act.
DIN 02362562

Uses advised against : This product is formulated to be diluted. Do not use undiluted. Read product label before using.


Date of issue (YYYY-MM-DD) : 2020-03-16

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
SERIOUS EYE DAMAGE - Category 1
Health Hazards Not Otherwise Classified - Category 1

Signal word : Danger **Hazard pictograms** : 

Hazard statements : Causes severe respiratory tract burns.
Causes serious eye damage.
Causes skin irritation.

Precautionary statements

General : Corrosive material. Handle with care. 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.

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 : Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 62.3%
Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 62.3%
Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 64.9%

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

<u>Name</u>	<u>CAS number</u>	<u>% (w/w)</u>
hydrogen peroxide	7722-84-1	5 - 10
dodecylbenzenesulphonic acid	27176-87-0	1 - 5
methanesulphonic acid	75-75-2	1 - 5
sodium xylenesulphonate	1300-72-7	1 - 5

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. Chemical burns must be treated promptly by a physician. Get medical attention if blistering occurs or redness persists.
Skin contact	Rinse with water. Wash contaminated skin with soap and water. Remove contaminated clothing and wash it before reuse. Chemical burns must be treated promptly by a physician. Get medical attention if blistering occurs or redness persists.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Chemical burns must be treated promptly by a physician. Get medical attention if symptoms occur.
Inhalation	Move victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 watering redness
Skin contact	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	Adverse symptoms may include the following: stomach pains
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 sulfur 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. Separate from alkalis. 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

Ingredient name	Exposure limits
hydrogen peroxide solution	CA Alberta Provincial (Canada, 4/2009). Skin sensitizer. 8 hrs OEL: 1 ppm 8 hours. 8 hrs OEL: 1.4 mg/m ³ 8 hours. CA British Columbia Provincial (Canada, 6/2017). TWA: 1 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 1 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). TWAEV: 1 ppm 8 hours. TWAEV: 1.4 mg/m ³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 2 ppm 15 minutes. TWA: 1 ppm 8 hours.

Appropriate engineering controls If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Eye/face protection	Continued or severe exposures might required to wear a face shield or chemical splash goggles. 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. No special protective clothing is required.
Respiratory protection	No specific protective equipment required under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid. [Transparent liquid]	pH	1	Flash point	Not available.
Color	White opalescent [Light]	Relative density	1.05	Melting point	Not available.
Odor	Odorless.	Viscosity	Not available.	Boiling point	Not available.
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	Reactive or incompatible with alkali.
Conditions to avoid	No specific data.
Possibility of hazardous reactions	May cause an exothermic reaction in presence of alkali.
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 burn	Adverse symptoms may include the following: pain watering redness
Skin contact	May cause skin irritation.	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	May cause burns to mouth, throat and stomach.	Adverse symptoms may include the following: stomach pains
Inhalation	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.

Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
hydrogen peroxide solution	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	1200 mg/kg	-
Dodecylbenzenesulphonic acid (C12)	LD50 Oral	Rat	890 mg/kg	-
methanesulphonic acid	LD50 Oral	Rat	649 mg/kg	-
sodium xylenesulphonate	LC50 Inhalation	Rabbit	6410 mg/m ³	4 hours
	Dusts and mists			
	LD50 Oral	Rat	>5000 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
hydrogen peroxide solution	Acute EC50 1.2 mg/l Marine water	Algae - Dunaliella tertiolecta - Exponential growth phase	72 hours
	Acute EC50 5.38 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 2320 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 93 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 989.7 ppm Fresh water	Fish - Oncorhynchus tshawytscha - Egg	43 days
sodium xylenesulphonate	Acute EC50 230 mg/l	Algae - Selenastrum	96 hours
	Acute EC50 >400 mg/l	Daphnia	48 hours
	Acute LC50 >400 mg/l	Fish - Fathead minnow	96 hours

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	UN3098	Oxidizing liquid, corrosive, N.O.S. (hydrogen peroxide in a mixture)	5.1 (8)	III	 
Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8), 2.23-2.25 (Class 5).					
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	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

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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.