

PURE COVER

1. IDENTIFICATION

Product name : PURE COVER

Product code : 30-92280 Other means of identification : Not available.

Supplier : Purity Manufacturer : Manufactured for: 42, de l'artisan Purity

G6P 7E3 Victoriaville, Quebec 42, de l'artisan Victoriaville, Quebec

G6P 7E3

Identified uses : Consumer products: Pool and Spa Cleaning solutions. Uses advised against : Only use this product as directed. Read label before

This MSDS is provided as information only. This product is not WHMIS regulated. This product is $\,$

regulated under CCCR regulation.

: 2016-10-06

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 : EYE IRRITATION - Category 2B

Signal word : Warning

Hazard statements : May cause eye irritation.

Precautionary statements

Date of issue (YYYY-MM-DD)

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

Prevention : Specific protective equipment is suggested for this product. See section 8 for details.

Response : 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 : N

classification

: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Ingredient name
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides
Ethyl alcohol

CAS number
68424-85-1
10 - 30
1 - 5

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



PURE COVER Page: 1/5

4. FIRST AID MEASURES

Description of required first aid measures

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

medical attention.

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

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

Eve contact Adverse symptoms may include the following:

> irritation watering redness

Skin contact No specific symptoms under normal use conditions.

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

Special fire-fighting procedures

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

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-Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a

fighters 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).



PURE COVER Page: 2/5

8. EXPOSURE CONTROLS/PERSONAL PROTECTION Occupational exposure limits Ingredient name **Exposure limits** Ethyl alcohol CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 1000 ppm 8 hours. 8 hrs OEL: 1880 mg/m³ 8 hours. CA Quebec Provincial (Canada, 1/2014). TWAEV: 1000 ppm 8 hours. TWAEV: 1880 mg/m³ 8 hours. CA British Columbia Provincial (Canada, 2/2015). STEL: 1000 ppm 15 minutes. CA Ontario Provincial (Canada, 1/2013). STEL: 1000 ppm 15 minutes. Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use if this product. Appropriate engineering controls 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-reisitant gloves while using or handling this product. No specific protective equipment required under normal use conditions. Respiratory protection

9. PHYSICAL AND CHEMICAL PROPERTIES					
Physical state	Liquid. [Limpid liquid]	рН	7.8	Flash point	[Product does not sustain combustion.]
Color	Blue. [Dark]	Relative density	0.992	Melting point	Not available.
Odor	Characteristic.	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/ : Not available. water			Flammability (solid, gas)	: Not available.	
Lower and upper explosive (flammable) limits : Not available.					

10. STABILITY AND REACTIVITY				
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 re	actions 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.			



PURE COVER Page: 3/5

11. TOXICOLOGICAL INFORMATION

Route of exposure Not available.

Potential acute health effects Symptoms

Eye contact May cause eye irritation. Adverse symptoms may include the following:

irritation watering redness

Skin contact No known significant effects or critical hazards. No specific symptoms under normal use conditions.

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
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	LD50 Oral	Rat	426 mg/kg	-
ethanol	LC50 Inhalation Vapor	Mouse	>60000 mg/l	1 hours
	LC50 Inhalation Vapor	Rat	124700 mg/m ³	4 hours
	LD50 Dermal	Rabbit	>20000 mg/kg	-
	LD50 Oral	Mouse	8300 mg/kg	-
	LD50 Oral	Rat	7 g/kg	-
	LD50 Oral	Rat	15010 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
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Acute EC50 37 ppb Fresh water	Daphnia - Daphnia magna	48 hours
	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
Ethyl alcohol	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 μg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
	Acute LC50 42000 μg/l Fresh water	Fish - Oncorhynchus mykiss	4 days
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 0.375 ul/L Fresh water	Fish - Gambusia holbrooki - Larvae	12 weeks

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

degradability

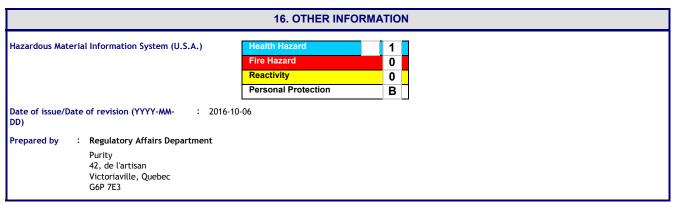




13. DISPOSAL CONSIDERATIONS Disposal methods Dispose content and container in accordance with local, regional and national regulation in force.

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	The following components are listed: Ethanol	
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.		



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.



PURE COVER Page: 5/5