



**DELTA GREEN**<sup>®</sup>  
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**DeltaGreen**<sup>®</sup> **ACID BOWL CLEANER**  
**DG-2500**

# SAFETY DATA SHEET (SDS)

Issue Date: JULY 7, 2017

## Section 1. Identification

Product name	<b>ACID BOWL CLEANER</b>
Manufacturer's Product Number	DG-2500
Date of Issue	JULY 7, 2017
For all emergency calls, please contact: manufacturer: address:	(310) 532 0353 DeltaGreen Products, Inc 13714 Alma Ave, Gardena CA 90249, USA

## Section 2. Hazards Identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
 ACUTE TOXICITY (oral) - Category 4  
 SKIN CORROSION/IRRITATION - Category 1  
 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1  
 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 5%

**GHS label elements**  
 Hazard pictograms



**Signal word** : Danger

**Hazard statements** : Flammable liquid and vapor.  
 Harmful if swallowed.  
 Causes severe skin burns and eye damage.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Response

: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

## Section 3. Composition / Information on Ingredients

SUBSTANCE/MIXTURE: Mixture

Ingredients	CAS No.	%
phosphoric acid	7664-38-2	10-30
dodecylbenzenesulfonic acid	27176-87-0	10-30
propan-2-ol	67-63-0	5-10
hydrochloric acid	7647-01-0	1-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First-Aid Measures

### EYE CONTACT:

Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

### INHALATION:

Get medical attention immediately. Call a poison center or physician. Remove 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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

DeltaGreen ACID BOWL CLEANER  
Product Number: DG-2500  
Date of Issue: JULY 7, 2017

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## SKIN CONTACT:

Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## INGESTION:

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Most important symptoms/effects, acute and delayed

### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : Causes severe burns.
- Ingestion** : Harmful if swallowed.

### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
  - pain
  - watering
  - redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
  - pain or irritation
  - redness
  - blistering may occur
- Ingestion** : Adverse symptoms may include the following:
  - stomach pains

## Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.  
See toxicological information

DeltaGreen ACID BOWL CLEANER  
Product Number: DG-2500  
Date of Issue: JULY 7, 2017

## Section 5. Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable Extinguishing Media:** Do not use water jet.

**Special Hazards Arising from the Chemical:** Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal decomposition products:** Decomposition products may include the following materials:

carbon dioxide

carbon monoxide

sulfur oxides

phosphorus oxides

halogenated compounds

**Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**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.

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

## For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

## Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Environmental precautions:

### Small spill:

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### Large spill:

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and Storage

### Precautions for safe handling

#### Protective measures:

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.



# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Protective measures:

Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.

## Advice on general occupational hygiene:

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 also Section 8 for additional information on hygiene measures.

## Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from alkalis. Separate from oxidizing materials. 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.

## Section 8. Exposure Controls / Personal Protection

### Control Parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
phosphoric acid	<b>ACGIH TLV (United States, 4/2014).</b> TWA: 1 mg/m <sup>3</sup> 8 hours. STEL: 3 mg/m <sup>3</sup> 15 minutes. <b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 1 mg/m <sup>3</sup> 8 hours. STEL: 3 mg/m <sup>3</sup> 15 minutes. <b>NIOSH REL (United States, 10/2013).</b> TWA: 1 mg/m <sup>3</sup> 10 hours. STEL: 3 mg/m <sup>3</sup> 15 minutes. <b>OSHA PEL (United States, 2/2013).</b> TWA: 1 mg/m <sup>3</sup> 8 hours.

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

propan-2-ol	<b>ACGIH TLV (United States, 4/2014).</b> TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes.
	<b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 400 ppm 8 hours. TWA: 980 mg/m <sup>3</sup> 8 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m <sup>3</sup> 15 minutes.
	<b>NIOSH REL (United States, 10/2013).</b> TWA: 400 ppm 10 hours. TWA: 980 mg/m <sup>3</sup> 10 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m <sup>3</sup> 15 minutes.
	<b>OSHA PEL (United States, 2/2013).</b> TWA: 400 ppm 8 hours. TWA: 980 mg/m <sup>3</sup> 8 hours.
hydrochloric acid	<b>ACGIH TLV (United States, 4/2014).</b> C: 2 ppm
	<b>OSHA PEL 1989 (United States, 3/1989).</b> CEIL: 5 ppm CEIL: 7 mg/m <sup>3</sup>
	<b>NIOSH REL (United States, 10/2013).</b> CEIL: 5 ppm CEIL: 7 mg/m <sup>3</sup>
	<b>OSHA PEL (United States, 2/2013).</b> CEIL: 5 ppm CEIL: 7 mg/m <sup>3</sup>

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

DeltaGreen ACID BOWL CLEANER  
Product Number: DG-2500  
Date of Issue: JULY 7, 2017

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## **Section 9. Physical and Chemical Properties**

### Information on Physical and Chemical Properties

#### Appearance

<b>Physical state</b>	: Liquid.
<b>Color</b>	: Green.
<b>Odor</b>	: Not available.
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: <1
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: Closed cup: 41°C (105.8°F)
	:
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: Not available.
<b>Solubility</b>	: Not available.
<b>Solubility in water</b>	: Soluble.
<b>Partition coefficient: n-octanol/water</b>	: Not available.

DeltaGreen ACID BOWL CLEANER  
Product Number: DG-2500  
Date of Issue: JULY 7, 2017



# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**SADT** : Not available.

**Viscosity** : Not available.

## **Aerosol product**

**Type of aerosol** : Not applicable.

**Heat of combustion** : Not available.

**Ignition distance** : Not applicable.

**Enclosed space ignition -  
Time equivalent** : Not applicable.

**Enclosed space ignition -  
Deflagration density** : Not applicable.

**Flame height** : Not applicable.

**Flame duration** : Not applicable.

## **Section 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.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:** Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**Incompatible materials:** Attacks many metals producing extremely flammable hydrogen gas which can form explosive mixtures with air. Reactive or incompatible with the following materials:  
alkalis

oxidizing materials

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Section 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
phosphoric acid	LD50 Dermal	Rabbit	2740 mg/kg	-
	LD50 Oral	Rat	1.25 g/kg	-
dodecylbenzenesulfonic acid	LD50 Oral	Rat	1530 mg/kg	-
	LD50 Oral	Rat	650 mg/kg	-
	LD50 Oral	Rat	650 mg/kg	-
propan-2-ol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Mouse	3600 mg/kg	-
	LD50 Oral	Rabbit	6410 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
	LD50 Oral	Rat	5045 mg/kg	-
	LDLo Oral	Dog	1537 mg/kg	-
	LDLo Oral	Human	3570 mg/kg	-
	LDLo Oral	Man	5272 mg/kg	-
hydrochloric acid	LD50 Oral	Rabbit	900 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
dodecylbenzenesulfonic acid	Skin - Severe irritant	Rabbit	-	0.5 Milliliters	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
propan-2-ol	Skin - Mild irritant	Rabbit	-	500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	0.5 minutes 5 milligrams	-
hydrochloric acid	Skin - Mild irritant	Human	-	24 hours 4 Percent	-

#### Sensitization

#### Mutagenicity

Product/ingredient name  
Not available.

Experiment

Result

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Not available.				

## Classification

Product/ingredient name	OSHA	IARC	NTP
propan-2-ol	-	3	-
hydrochloric acid	-	3	-

## Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Development toxin	Species	Dose	Exposure
Not available.						

## Teratogenicity

Not available.

## Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
propan-2-ol hydrochloric acid	Category 3 Category 3	Not applicable. Not applicable.	Narcotic effects Respiratory tract irritation

## Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Not available.			

## Aspiration hazard

Name	Result
Not available.	

## Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

**Skin contact** : Causes severe burns.

**Ingestion** : Harmful if swallowed.

## Symptoms related to the physical, chemical and toxicological characteristics

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

**Inhalation** : No specific data.

**Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur

**Ingestion** : Adverse symptoms may include the following:  
stomach pains

DeltaGreen ACID BOWL CLEANER  
Product Number: DG-2500  
Date of Issue: JULY 7, 2017

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

### Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

### Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

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.

## Numerical measures of toxicity

### Acute toxicity estimates

Route	ATE value
Oral	1779.3 mg/kg
Dermal	9225.6 mg/kg

## **Section 12. Ecological Information**

### Toxicity

Product/ingredient name	Result	Species	Exposure
phosphoric acid	Acute EC50 105 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 60 ppm Fresh water	Fish - Lepomis macrochirus	96 hours
propan-2-ol	Acute EC50 10000 mg/l	Fish	48 hours
	Acute LC50 1400000 to 1950000 µg/l	Crustaceans - Crangon crangon	48 hours
	Marine water		
	Acute LC50 >1400 mg/l	Fish	96 hours
	Acute LC50 6550 mg/l	Fish	96 hours
	Acute LC50 9640 mg/l	Fish	96 hours
	Acute LC50 10400 mg/l	Fish	96 hours
hydrochloric acid	Acute LC50 11130 mg/l	Fish	96 hours
	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours
	Acute LC50 240000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
	Acute LC50 282 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours

### Persistence and degradability

Not available.



# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
propan-2-ol	0.05	-	low

## Mobility in soil

**Other adverse effects** : No known significant effects or critical hazards.

## **Section 13. Disposal Considerations**

### **Disposal methods:**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# SAFETY DATA SHEET (SDS)





DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Section 14. Transport Information

	DOT Classification	TDG Classification	IMDG	IATA
<b>UN number</b>	<b>3264</b>	<b>1993</b>	<b>3264</b>	<b>3264</b>
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid, Hydrochloric Acid)	FLAMMABLE LIQUID, N.O.S. (Isopropanol)	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid, Hydrochloric Acid)	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid, Hydrochloric Acid)
<b>Transport hazard class(es)</b>	8 	3 	8 	8 
<b>Packing group</b>	II	III	II	II
<b>Environmental hazards</b>	No.	No.	No.	No.
<b>Additional information</b>	<b>Reportable quantity</b> 5050.5 lbs / 2292.9 kg Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.	-	-	-

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

Issue Date: JULY 7, 2017

OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## Section 15. Regulatory Information

### California Prop. 65

Does not contain any chemicals known to the State of CA to cause cancer, birth defects or reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level

U.S. Federal regulations :

United States inventory (TSCA 8b) :

All components are listed or exempted.

**Clean Water Act (CWA) 311:** phosphoric acid; dodecylbenzenesulfonic acid; hydrochloric acid

**Clean Air Act (CAA) 112 regulated flammable substances:** hydrochloric acid

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances :

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Listed

### SARA 302/304

#### Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
hydrochloric acid	1 - 5	Yes.	500	-	5000	-

SARA 304 RQ : 101010.1 lbs / 45858.6 kg

### SARA 311/312

Classification : Fire hazard  
Immediate (acute) health hazard

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
phosphoric acid	10 - 30	No.	No.	No.	Yes.	No.
dodecylbenzenesulfonic acid	10 - 30	No.	No.	No.	Yes.	No.
propan-2-ol	5 - 10	Yes.	No.	No.	Yes.	No.
hydrochloric acid	1 - 5	No.	No.	No.	Yes.	No.

DeltaGreen ACID BOWL CLEANER  
Product Number: DG-2500  
Date of Issue: JULY 7, 2017

# SAFETY DATA SHEET (SDS)

DeltaGreen® ACID BOWL CLEANER

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OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Isopropanol	67-63-0	5 - 10
	hydrochloric acid	7647-01-0	1 - 5
Supplier notification	Isopropanol	67-63-0	5 - 10
	hydrochloric acid	7647-01-0	1 - 5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

## State regulations

- Massachusetts** : The following components are listed: phosphoric acid; dodecylbenzenesulfonic acid; Isopropanol; hydrochloric acid
- New York** : The following components are listed: Phosphoric acid; Dodecylbenzenesulfonic acid; Hydrochloric acid
- New Jersey** : The following components are listed: phosphoric acid; dodecylbenzenesulfonic acid; Isopropanol; hydrochloric acid
- Pennsylvania** : The following components are listed: phosphoric acid; dodecylbenzenesulfonic acid; Isopropanol; hydrochloric acid

## International lists

### National inventory

- Australia** : All components are listed or exempted.
- Canada** : All components are listed or exempted.
- Europe** : All components are listed or exempted.

## Section 16. Other Information

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

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard
- 3 Serious Hazard
- 4 Severe Hazard



# SAFETY DATA SHEET (SDS)

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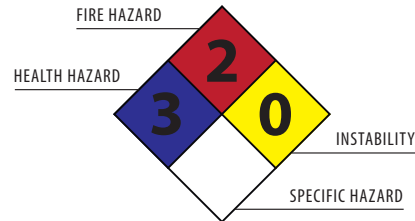
OSHA HCS-2012 / GHS

PRODUCT NUMBER: DG-2500

## National Fire Protection Association (U.S.A.)

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.



## Notice to reader

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