



# SAFETY DATA SHEET

## 1 IDENTIFICATION

### GHS Product Identifier

VetScan HemaClean Kit, 6 Tubes (3 ml each totaling 18 ml liquid volume per package)

### Other means of identification

Abaxis PN: 790-1513

### Recommended use of the chemical and restriction on use

A cleaning agent for use with the Abaxis HM5 VetScan analyzer.

**Product Usage Information:** VetScan HemaClean is provided in capped tubes of 3 milliliters of total liquid volume. As the amount of chemical is very small, the risk is substantially reduced. We have indicated the same in the shaded sections of this document.



### Supplier's details

Company Information:	Abaxis, Inc. 3240 Whipple Road Union City, CA 94587, USA Tel: +1-510-675-6500 Fax: +1-510-441-6150	ABAXIS Europe GmbH Bunsenstr. 9-11 64347 Griesheim, Germany Tel: +49 6155 780 21 0 (EU) Fax: +49 6155 780 21 111
Customer Support:	+1-800-822-2947 (US), abaxis@abaxis.com	Tel: +49 6155 780 21 0 (EU) abaxis@abaxis.de
Emergency phone number	+1-800-822-2947 (US)	+49 6155 780 21 0 (EU)

This number is available only during business hours (9:00am to 5:00pm UTC)

## 2 HAZARD(S) IDENTIFICATION

RISKS ASSOCIATED WITH CHEMICAL COMPOUND	ASSOCIATED RISKS AT THIS VOLUME
Classification of the substance or mixture: liquid mixture, active chlorine <10%	Classification of the substance or mixture: liquid mixture, active chlorine <10%

<p><b>GHS Classification in accordance with 29 CFR 1910,1200 (OSHA HCS)</b></p> <p><b>Health Hazards</b></p> <ul style="list-style-type: none"> <li>• Skin Corrosion/Irritation Category 1B</li> <li>• Serious Eye Damage/Irritation Category 1</li> </ul> <p><b>Physical Hazards Decomposes on heating, and on interaction with acids; this causes toxic or corrosive gases.</b></p> <p><b>Corrosive to Metals Category 1</b> For the full text of the H-Statements mentioned in this Section, see Section 16.</p> <p><b>GHS label elements</b> DANGER</p>  <p>H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.</p> <p>May be corrosive to metals Causes severe skin burns and eye damage Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. 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 doctor/physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Dispose of contents/container to in accordance with all federal, provincial, and/or local regulations</p>	<p><b>GHS Classification in accordance with 29 CFR 1910,1200 (OSHA HCS)</b></p> <p><b>Health Hazards</b></p> <ul style="list-style-type: none"> <li>• Skin Corrosion/Irritation Category 1B</li> <li>• Serious Eye Damage/Irritation Category 1</li> </ul> <p><b>Physical Hazards May decompose on heating and on interaction with acids which could cause corrosive gases.</b></p> <p><b>Corrosive to Metals Category 1</b> For the full text of the H-Statements mentioned in this Section, see Section 16.</p> <p><b>GHS label elements</b> WARNING</p>  <p>H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.</p> <p>May be corrosive to metals Causes severe skin burns and eye damage Wash hands thoroughly after handling. IF ON SKIN: Rinse SKIN with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Description	CAS Number	EINECS Number	%	Note at provided volume
Sodium Hypochlorite	7681-52-9		0 – 9.00	Skin corrosion (Category 1B), H314 Serious eye damage (Category 1), H318
Other non-hazardous ingredients			0-91.00	Not applicable

## 4 FIRST-AID MEASURES

RISKS ASSOCIATED WITH CHEMICAL COMPOUND	ASSOCIATED RISKS AT THIS VOLUME
<p><b>Inhalation</b></p> <p>Can release corrosive chlorine gas. Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. DO NOT allow victim to move about unnecessarily. Symptoms of pulmonary edema can be delayed up to 48 hours after exposure. Seek immediate medical attention.</p> <p><b>Skin Contact / Absorption</b></p> <p>Immediately flush with lukewarm, gently flowing water for at least 30 minutes. Under running water, remove contaminated clothing, shoes and leather goods. Seek immediate medical attention. Completely decontaminate clothing, shoes and leather goods before reuse, or discard.</p> <p><b>Eye Contact</b></p> <p>Immediately flush eye(s) with lukewarm, gently flowing water for 30 minutes while forcibly holding the eyelids open to ensure complete irrigation of the eye tissue. If a contact lens is present, remove only if easy to do so. Seek immediate medical attention.</p> <p><b>Ingestion</b></p> <p>NEVER give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink 240 to 300 mL (8 to 10 oz.) of water to dilute material in stomach. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Rinse mouth and repeat administration of water. Quickly transport victim to an emergency care facility.</p> <p><b>Additional Information</b></p> <p>Provide general supportive measures (comfort, warmth, rest). Consult a doctor and/or the nearest Poison Control Center for all exposures except minor instances of inhalation or skin contact.</p> <p><b>Most important symptoms/effects, acute and delayed</b></p>	<p><b>Inhalation</b></p> <p><b>Move to fresh air. If breathing is affected, seek medical attention.</b></p> <p><b>Skin Contact/Absorption</b></p> <p>Immediately flush with lukewarm, gently flowing water for at least 15 minutes. Seek medical or first aid attention.</p> <p><b>Eye Contact</b></p> <p>Immediately flush eye(s) with lukewarm, gently flowing water for 30 minutes while forcibly holding the eyelids open to ensure complete irrigation of the eye tissue. If a contact lens is present, remove only if easy to do so. Seek immediate medical attention.</p> <p><b>Ingestion</b></p> <p>Rinse mouth thoroughly with water. Do NOT induce vomiting.. Drink 240 to 300 mL (8 to 10 oz.) of water. Repeat rinse and drinking of water. Seek immediate medical attention</p>

When ingested or inhaled, nausea and vomiting, these symptoms may be delayed. When in contact with skin or eyes; acute pain and burns or blisters will occur.

## 5 FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Sodium hypochlorite solutions do not burn. Extinguish fire using extinguishing agents suitable for the surrounding fire and not contraindicated for use with sodium hypochlorite. Cool exposed containers with water.

### Unsuitable Extinguishing Media

DO NOT use dry chemical fire extinguishing agents containing ammonium compounds (such as some A:B:C agents), since an explosive compound can be formed.

### Specific hazards arising from the chemical

Sodium hypochlorite decomposes when heated, giving off corrosive chlorine and hydrogen chloride. Solutions decompose when exposed to sunlight, giving off oxygen gas. However, the amount of oxygen produced is not sufficient to cause combustion. Explosive decomposition may occur under fire conditions and closed containers may rupture violently due to a rapid decomposition, if exposed to fire or excessive heat for a sufficient period of time.

### Special protective actions for fire-fighters

Wear NIOSH-approved self-contained breathing apparatus and protective clothing. The decomposition products of sodium hypochlorite, such as chlorine and hydrogen chloride are extremely hazardous to health. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective equipment. (Bunker Gear) will not provide adequate protection.

## 6 ACCIDENTAL RELEASE MEASURES

RISKS ASSOCIATED WITH CHEMICAL COMPOUND	ASSOCIATED RISKS AT THIS VOLUME
<p><b>Personal Precautions</b> Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so.</p> <p><b>Environmental Precautions</b> Prevent material from entering sewers or confined spaces. Notify local health and wildlife officials. Notify operators of nearby water intakes.</p> <p><b>Methods for Containment and Clean Up</b> SMALL SPILLS: Clean up spill with non-reactive absorbent and place in suitable, covered, labelled containers. Flush area with water. Contaminated absorbent material may pose the same hazards as the spilled product. Small spills of sodium hypochlorite solutions can be broken down by covering it with a reducing agent such as sodium thiosulfate, sodium meta-bisulfite, or a ferrous salt.</p>	<p><b>Personal Precautions</b> Wear appropriate personal protective equipment.</p> <p><b>Environmental Precautions</b> None required</p> <p><b>Methods for Containment and Clean Up</b> Flush area with water.</p>

With the sulfite or ferrous salt, add some dilute (2 M) sulfuric acid to speed up the reaction. Transfer the mixture into large containers of water and neutralize with soda ash (sodium carbonate).

LARGE SPILLS: Contact fire and emergency services and supplier for advice.

## 7 HANDLING AND STORAGE

RISKS ASSOCIATED WITH CHEMICAL COMPOUND	ASSOCIATED RISKS AT THIS VOLUME
<p><b>Precautions for safe handling</b></p> <p>This material is a CORROSIVE liquid. Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure. Avoid generating mists. Prevent the release of mists into the workplace air. Inspect containers for damage or leaks before handling. Label containers. Never add water to a corrosive. Always add corrosives to water. When mixing with water, stir small amounts in slowly. Use cold water to prevent excessive heat generation. Never return contaminated material to its original container. Have suitable emergency equipment for fires, spills and leaks readily available.</p> <p><b>Conditions for safe storage, including any incompatibilities</b></p> <p>Store in a cool, dry, well-ventilated area, out of direct sunlight and away from heat sources. Strong solutions (greater than 10% available chlorine) may slowly give off chlorine during storage, especially when warm (above 18°C). Vent caps may be required to prevent a build-up of pressure that could cause containers to burst. Always store in original labelled container. Keep containers tightly closed when not in use and when empty. Empty containers may contain hazardous residues. Protect label and keep it visible.</p> <p><b>Incompatibilities</b></p> <p>Primary amines, aromatic amines, ammonium salts, phenylacetonitril, ammonia, urea, phenylacetonitrile, acids, metals, reducing agents, ethyleneimine, methanol, formic acid, furfuraldehyde, ethandiol, sodium ethylenedioaminetetraacetate solution, sodium hydroxide solution.</p>	<p><b>Precautions for safe handling</b></p> <p>This material is a CORROSIVE liquid. Wash thoroughly after handling.</p> <p><b>Conditions for safe storage, including any incompatibilities</b></p> <p>Store in a cool, dry, well-ventilated area, out of direct sunlight and away from heat sources. Keep containers tightly closed when not in use and when empty.</p> <p><b>Incompatibilities</b></p> <p>Primary amines, aromatic amines, ammonium salts, phenylacetonitril, ammonia, urea, phenylacetonitrile, acids, metals, reducing agents, ethyleneimine, methanol, formic acid, furfuraldehyde, ethandiol, sodium ethylenedioaminetetraacetate solution, sodium hydroxide solution.</p>

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RISKS ASSOCIATED WITH CHEMICAL COMPOUND	ASSOCIATED RISKS AT THIS VOLUME
<p><b>CONTROL PARAMETERS</b>  <b>Exposure Limit(s)</b>  <b>Component Regulation Type of Listing Value</b></p> <p>Sodium hypochlorite AIHA WEEL-STEL 2mg/m<sub>3</sub> (15 min)            Chlorine ACGIH TLV-TWA 0.5 ppm</p> <p><b>APPROPRIATE ENGINEERING CONTROLS</b>  <b>Ventilation Requirements</b></p> <p>Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.</p> <p><b>Other</b></p> <p>Emergency shower and eyewash must be available and tested in accordance with regulations and be in close proximity.</p> <p><b>INDIVIDUAL PROTECTION MEASURES</b>  <b>Personal protective equipment</b>  <b>Eyes/Face</b></p> <p>Chemical goggles, full-face shield, or a full-face respirator is to be worn at all times when product is handled. Contact lenses should never be worn; they may contribute to severe eye injury.</p> <p><b>Hand Protection</b></p> <p>Impervious gloves of chemically resistant material (rubber or PVC) should be worn at all times. Wash contaminated clothing and dry thoroughly before reuse.</p> <p><b>Skin and Body Protection</b></p> <p>Body suite, aprons, and/or coveralls of chemical resistant material should be worn at all times. Wash contaminated clothing and dry thoroughly before reuse.</p>	<p><b>CONTROL PARAMETERS</b>  <b>Exposure Limit(s)</b>  <b>Component Regulation Type of Listing Value</b></p> <p>N/A</p> <p><b>APPROPRIATE ENGINEERING CONTROLS</b>  <b>Ventilation Requirements</b></p> <p>N/A</p> <p><b>Other</b></p> <p>N/A</p> <p><b>INDIVIDUAL PROTECTION MEASURES</b>  <b>Personal protective equipment</b>  <b>Eyes/Face</b></p> <p>Contact lenses should never be worn; they may contribute to severe eye injury.</p> <p><b>Hand Protection</b></p> <p>Impervious gloves of chemically resistant material (rubber or PVC) should be worn at all times.</p> <p><b>Skin and Body Protection</b></p> <p>N/A</p> <p><b>Respiratory Protection</b></p> <p>No specific guidelines are available.</p>

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

**Physical State** Liquid

**Color** Clear, greenish-yellow solution.

**Odor** Strong chlorine odor  
**Odor Threshold** Not Available

## Properties

**pH** 11-13

**Melting Point/Freezing Point** -15°C (12% solution)

### Initial Boiling Point and Boiling Range

Slowly decomposes above 40°C

**Flash Point** Not Applicable

**Evaporation Rate** Not available;

**Flammability** Non-Flammable

**Upper Flammable Limit** Not Applicable

**Lower Flammable Limit** Not Applicable

**Vapor Pressure (mm Hg, 20oC)** Does not form a vapor

**Vapor Density (Air=1)** Not Available

**Relative Density** Not Available

**Solubility(ies)** Completely soluble in water

**Partition Coefficient:** noctanol/water

**Log POW** = -3.42 (estimated)

**Auto-ignition Temperature** Not Applicable

**Decomposition Temperature** Slowly decomposes above 40°C

**Viscosity** Not Available

**Explosive Properties** Pressure buildup in containers could result in an explosion when heated or in contact with acidic fumes. Vigorous reaction with oxidizable organic materials may result in a fire.

**Specific Gravity (Water=1)** 1.1-1.2

**% Volatiles by Volume** Not Available

**Formula** NaOCl

**Molecular Weight** 74.44 g/mol

## 10 STABILITY AND REACTIVITY

### Reactivity

Sodium hypochlorite solution gives off oxygen when heated or when exposed to sunlight. However, the amount is small and will not cause or contribute to combustion. The solutions are, therefore, not considered to be oxidizing agents.

### Chemical Stability:



Sodium hypochlorite solutions decompose slowly at normal temperatures releasing low concentrations of corrosive chlorine gas.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

**Thermal Decomposition:** Will decompose when burned

### Conditions to avoid

Heat, sunlight, acidic conditions, the presence of metals and other impurities.

Primary amines, aromatic amines, ammonium salts, phenylacetonitril, ammonia, urea, phenylacetonitrile, acids, metals, reducing agents, ethyleneimine, methanol, formic acid, furfuraldehyde, ethandiol, sodium ethylenedioaminetetraacetate solution, sodium hydroxide solution.

### Incompatible materials

Chlorine, sodium chlorate.

## 11 TOXICOLOGICAL INFORMATION

RISKS ASSOCIATED WITH CHEMICAL COMPOUND	ASSOCIATED RISKS AT THIS VOLUME
<p><b>Toxicological (health) effects</b>  <b>Acute Toxicity</b></p> <p><b>Component Oral LD<sub>50</sub> Dermal LD<sub>50</sub> Inhalation LC<sub>50</sub></b>            Sodium Hypochlorite (20%) 44.5 g/kg (rat) &gt; 50 g/kg (rabbit) &gt; 26.25 g/m<sup>3</sup> (rat, 4hr)</p> <p><b>Chronic Toxicity – Carcinogenicity</b>  <b>Component IARC</b>            Sodium Hypochlorite Group 3: Not classifiable as to its carcinogenicity to humans. [hypochlorite salts]</p> <p><b>Symptoms related to the physical, chemical and toxicological characteristics</b>  <b>Skin Corrosion/Irritation</b>            Very dilute solutions have caused negligible irritation, while more concentrated solutions have caused acute corrosive injury to skin. Prolonged exposure may lead to permanent scarring of skin.</p> <p><b>Ingestion</b></p> <p>Acute exposure may lead to burning of the mouth and throat, abdominal cramps, nausea, vomiting, diarrhea, shock. May lead to convulsions, coma, and even death.</p> <p><b>Inhalation</b>            Irritant of the nose and throat, causing coughing, difficulty breathing, and pulmonary edema.</p> <p><b>Serious Eye Damage/Irritation</b></p>	<p><b>Toxicological (health) effects</b></p> <p><b>Acute Toxicity – N/A</b></p> <p><b>Chronic Toxicity – Carcinogenicity</b>  <b>Component IARC</b>            Sodium Hypochlorite Group 3: Not classifiable as to its carcinogenicity to humans. [hypochlorite salts]</p> <p><b>Symptoms related to the physical, chemical and toxicological characteristics</b>  <b>Skin Corrosion/Irritation</b>            Very dilute solutions have caused negligible irritation</p> <p><b>Ingestion</b>            N/A</p> <p><b>Inhalation</b>            N/A</p> <p><b>Serious Eye Damage/Irritation</b>            Very dilute solutions have caused no irritation.</p> <p><b>Respiratory or Skin Sensitization</b>            Negative results (0/20 guinea pigs sensitized) have been obtained for 8% sodium hypochlorite solution in a skin sensitization test.</p>

<p>Very dilute solutions have caused no irritation. Acute exposure of more concentrated solutions have caused corrosive injury, which did not heal within 21 days.</p> <p><b>Respiratory or Skin Sensitization</b></p> <p>Negative results (0/20 guinea pigs sensitized) have been obtained for 8% sodium hypochlorite solution in a skin sensitization test. Insufficient details are available to evaluate a report of a positive result (positive reactions in 2/10 animals) obtained using 6% sodium hypochlorite (pH 11.2) with the guinea pig ear swelling test for non-immunological contact urticaria.</p> <p><b>Delayed and immediate effects and also chronic effects from short and long term exposure</b></p> <p><b>Germ Cell Mutagenicity</b> The available information does not suggest that sodium hypochlorite is mutagenic.</p> <p><b>Reproductive Toxicity</b> There is insufficient information available to draw conclusions.</p> <p><b>STOT-Single Exposure</b> May cause respiratory irritation. <b>STOT-Repeated Exposure</b> Not Available <b>Aspiration Hazard</b> Prolonged or repeated overexposure causes lung damage. <b>Synergistic Materials</b> Not Available</p>	<p><b>Delayed and immediate effects and also chronic effects from short and long term exposure</b></p> <p><b>Germ Cell Mutagenicity</b> The available information does not suggest that sodium hypochlorite is mutagenic.</p> <p><b>Reproductive Toxicity</b> There is insufficient information available to draw conclusions.</p> <p><b>STOT-Single Exposure</b> N/A <b>STOT-Repeated Exposure</b> N/A <b>Aspiration Hazard</b> N/A <b>Synergistic Materials</b> N/A</p>
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## 12 ECOLOGICAL INFORMATION

### TOXICITY

#### Toxicity to Algae

EC<sub>50</sub>(Red algae, 96hr): 46mg/L

#### Toxicity to Fish

LC<sub>50</sub>(Salmo gairdneri, 48hr): 0.07mg/L

#### Toxicity to Daphnia and Other Aquatic Invertebrates

LC<sub>50</sub>(Daphnia magna, 48hr): 0.032mg/L

### PERSISTENCE AND DEGRADABILITY

Not Available

### BIO-ACCUMULATIVE POTENTIAL

No evidence to support any rating.

**MOBILITY IN SOIL**

Not Available

**OTHER ADVERSE EFFECTS**

Not Available

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Waste Treatment Methods: Check regional waste requirements

Waste Treatment Options: Treatment options approved by local authorities

Sewage Disposal Options: Check with local authorities before discharge to the sewer

Other Disposal Recommendations: Dispose of according to local, state, and national regulatory requirements.

U.S. Waste Classification: Non-RCRA Waste

California Waste Codes: N/A

**14 TRANSPORT INFORMATION**

<b>RISKS ASSOCIATED WITH CHEMICAL COMPOUND</b>	<b>ASSOCIATED RISKS AT THIS VOLUME</b>
<p><b>DOT:</b> GROUND.</p> <p><b>TDG:</b></p> <p>UN Number: UN 3082            Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.            Hazard Class: 9            Packaging Group: III            Description: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT</p> <p><b>ICAO:</b></p> <p>UN Number: UN 3082            Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.            Hazard Class: 9            Packaging Group: III            Description: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III</p> <p><b>IATA:</b></p>	<p><b>DOT:</b> Not restricted.</p> <p><b>TDG:</b></p> <p>No restrictions for road or rail</p> <p><b>ICAO:</b></p> <p>Not restricted per Special Provision A197 – “These substances when transported in single or combination packages containing a net quantity or having a net mass of 5 L or less for liquids . . . are not subject to any other provisions of these Regulations providing the packaging meets the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.”</p> <p><b>IATA:</b></p>

<p>UN Number: UN 3082          Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.          Hazard Class: 9          Packaging Group: III          Description: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III</p>	<p>Not restricted per Special Provision A197 – “These substances when transported in single or combination packages containing a net quantity or having a net mass of 5 L or less for liquids . . . are not subject to any other provisions of these Regulations providing the packaging meets the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.”</p>
<p><b>IMDG/IMO:</b></p> <p>UN Number: UN 3082          Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.          Hazard Class: 9          Packaging Group: III          Description: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT</p>	<p><b>IMDG/IMO:</b></p> <p>Not restricted per Special Provision A197 – “These substances when transported in single or combination packages containing a net quantity or having a net mass of 5 L or less for liquids . . . are not subject to any other provisions of these Regulations providing the packaging meets the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.”</p>

## 15 REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product in question

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

Acute Health Hazard

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	
Sodium chlorate 7775-09-9	X	X	X		

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**EU Regulations:** This material safety data sheet conforms to Regulation (EC) No 1272/2008, 1907/ 2006, and other requirements established by the European Union

**National Regulations: Germany:** Water Hazard Class I

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been completed for this product

**Canada** WHMIS Hazard Class E - Corrosive material



## 16 OTHER INFORMATION

### HMIS Rating

Health Hazard: 3  
Flammability: 0  
Physical Hazard: 0  
Personal Protection: B

### NFPA Rating

Health hazard: 3  
Fire Hazard: 0  
Reactivity Hazard: 0

### Full text of H-Statements referred to under sections 2 and 3.

- Eye Dam.            Serious eye damage
- H314                Causes severe skin burns and eye damage.
- H318                Causes serious eye damage.
- Skin Corr.          Skin corrosion

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Abaxis shall not be held liable for any damage resulting from handling or from contact with the above product.

Date of Preparation:    July 16, 2018