		Page: 1
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

SECTION 1. IDENTIFICATION

Product identifier

Trade name : POOLIFE EXCLUSIVE POOL CARE COLLECTION
PHOSFIGHT +

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture : Water treatment chemical

<p>Details of the supplier of the safety data sheet Innovative Water Care, LLC D/B/A Advantis Technologies 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States of America (USA)</p> <p>EHSProductSafetyTeam@solenis.com</p>	<p>Emergency telephone number 1-800-654-6911 (Outside the USA:1-423-780-2970)</p> <p>Product Information 1-800-511-6737 (Outside the USA:1-423-780-2347)</p>
--	--

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Corrosive to metals : Category 1

Skin corrosion : Category 1


Serious eye damage : Category 1

Skin sensitisation : Category 1

Specific target organ toxicity : Category 1 (Lungs)
 - repeated exposure
 (Inhalation)

Specific target organ toxicity : Category 2 (Central nervous system)
 - repeated exposure (Oral)

GHS label elements

		Page: 2
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Hazard pictograms :



Signal word :

Danger

Hazard statements :

H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
 H373 May cause damage to organs (Central nervous system) through prolonged or repeated exposure if swallowed.

Precautionary statements :

Prevention:

P234 Keep only in original container.
 P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:


P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
 P305 + P351 + P338 + P310 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/ doctor.
 P314 Get medical advice/ attention if you feel unwell.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P363 Wash contaminated clothing before reuse.
 P390 Absorb spillage to prevent material damage.

Storage:

P405 Store locked up.
 P406 Store in corrosive resistant container with a resistant inner liner.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

		Page: 3
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture


Components

Chemical name	CAS-No.	Classification	Concentration (%)
ALUMINUM CHLORIDE	7446-70-0	Skin Corr. 1; H314 Eye Dam. 1; H318 STOT RE 1; H372 STOT RE 2; H373	>= 10 - < 15
Lanthanum chloride, anhydrous	10099-58-8	Met. Corr. 1; H290 Acute Tox. 4; H312 Eye Dam. 1; H318 Skin Sens. 1; H317	>= 10 - < 15
OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONO(OCTYLPHENYL) ETHER, BRANCHED	70955-69-0	Eye Dam. 1; H318	>= 1 - < 1.5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES


- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : Move to fresh air.
If breathed in, move person into fresh air.
Keep patient warm and at rest.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
Wash contaminated clothing before re-use.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.

		Page: 4
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

- If swallowed : Get medical attention immediately.
 Do NOT induce vomiting.
 Rinse mouth with water.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.
 Causes serious eye damage.
 Causes damage to organs through prolonged or repeated exposure if inhaled.
 May cause damage to organs through prolonged or repeated exposure if swallowed.
 Causes severe burns.
 Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
 stomach or intestinal upset (nausea, vomiting, diarrhea)
 irritation (nose, throat, airways)
 Cough
 Headache
 Shortness of breath
 lung edema (fluid buildup in the lung tissue)
- Notes to physician : No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 Water spray
 Foam
 Carbon dioxide (CO2)
 Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : aluminum oxides
 Chlorine
 hydrogen chloride
 toxic fumes
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

		Page: 5
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters

SECTION 6. ACCIDENTAL RELEASE MEASURES


- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Comply with all applicable federal, state, and local regulations.
- Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust. Do not smoke. Container hazardous when empty. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

		Page: 6
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
ALUMINUM CHLORIDE	7446-70-0	TWA	2 mg/m ³ (Aluminium)	OSHA P0
		TWA	2 mg/m ³ (Aluminium)	NIOSH REL

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Respiratory protection : A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.


Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.
Maintain eye wash station in immediate work area.

Skin and body protection : Wear as appropriate:
Impervious clothing
Chemical resistant apron
Safety shoes
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Wear resistant gloves (consult your safety equipment supplier).
Discard gloves that show tears, pinholes, or signs of wear.

Hygiene measures : Wash hands before breaks and at the end of workday.
When using do not eat or drink.
Ensure that eyewash stations and safety showers are close to the workstation location.

		Page: 7
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: clear
Odour	: No data available
Odour Threshold	: No data available
pH	: ca. 2.8
Melting point/freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Self-ignition	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: 1.1177
Density	: No data available
Solubility(ies)	
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available

SAFETY DATA SHEET	Revision Date: 11/03/2022
	Print Date: 05/14/2024
	SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019	Version: 1.1

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Incompatible materials : Alcohols
Alkali metals
alkalis
allyl chloride
Ethylene oxide
organic nitro compounds
oxygen difluoride
Potassium
sodium
strong alkalis
Strong oxidizing agents
water

Hazardous decomposition products : hydrogen chloride
aluminum oxides
Chlorine
Hydrogen chloride gas
Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
toxic fumes

SECTION 11. TOXICOLOGICAL INFORMATION


Acute toxicity

Not classified based on available information.

Components:

ALUMINUM CHLORIDE:

Acute oral toxicity : LD50 (Rat, male): 3,450 mg/kg

		Page: 9
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

LD50 (Rat, female): 3,470 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2 g/kg
 Assessment: No adverse effect has been observed in acute dermal toxicity tests.

Lanthanum chloride, anhydrous:

Acute oral toxicity : LD50 (Rat): 2,621 mg/kg
 GLP: no

Acute dermal toxicity : LD50 (Rabbit): > 1,638 mg/kg
 GLP: no

Skin corrosion/irritation

Causes severe burns.

Product:

Remarks : May cause skin irritation in susceptible persons.
 Causes severe skin burns and eye damage.

Components:

ALUMINUM CHLORIDE:

Result : Corrosive to skin

Lanthanum chloride, anhydrous:

Species : Rabbit
 Result : No skin irritation
 GLP : no

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.


Components:

ALUMINUM CHLORIDE:

Result : Corrosive to eyes

Lanthanum chloride, anhydrous:

Species : Rabbit
 Result : Risk of serious damage to eyes.
 Method : OECD Test Guideline 405
 GLP : yes

		Page: 10
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONO(OCTYLPHENYL) ETHER, BRANCHED:

Result : Risk of serious damage to eyes.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks : May cause allergic skin reaction.

Components:

Lanthanum chloride, anhydrous:

Test Type : Local lymph node assay (LLNA)
Species : Mouse
Method : OECD Test Guideline 429
GLP : yes

Germ cell mutagenicity

Not classified based on available information.

Components:

ALUMINUM CHLORIDE:

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro
Test system: Human lymphocytes
Result: positive

Test Type: In vitro mammalian cell gene mutation test
Test system: mouse lymphoma cells
Metabolic activation: with and without metabolic activation
Result: negative


Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: positive

Test Type: Ames test
Test system: Escherichia coli
Metabolic activation: with and without metabolic activation
Result: positive

Carcinogenicity

Not classified based on available information.

IARC No component of this product present at levels greater than or equal to 0.1% is

		Page: 11
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
May cause damage to organs (Central nervous system) through prolonged or repeated exposure if swallowed.

Components:

ALUMINUM CHLORIDE:

Exposure routes : Ingestion
Target Organs : Central nervous system
Assessment : Shown to produce significant health effects in animals at concentrations of >20 to 200 mg/kg bw.

Exposure routes : inhalation (dust/mist/fume)
Target Organs : Lungs
Assessment : Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : No data available

SECTION 12. ECOLOGICAL INFORMATION


Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Acute aquatic toxicity Category 3; Harmful to aquatic life.

Chronic aquatic toxicity : Chronic aquatic toxicity Category 3; Harmful to aquatic life with long lasting effects.

	Page: 12
SAFETY DATA SHEET	Revision Date: 11/03/2022
	Print Date: 05/14/2024
	SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019	Version: 1.1

Components:

ALUMINUM CHLORIDE:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 36.6 mg/l
 Exposure time: 96 h
 Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia (water flea)): 7.4 mg/l
 Exposure time: 48 h
 Test Type: static test

EC50 (Daphnia magna (Water flea)): 27.3 mg/l
 Exposure time: 48 h
 Test Type: static test

Toxicity to fish (Chronic toxicity) : NOEC (Oncorhynchus mykiss (rainbow trout)): 0.25 mg/l
 End point: Growth rate
 Exposure time: 42 d
 Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.8 mg/l
 End point: Reproduction Test
 Exposure time: 21 d
 Test Type: semi-static test


Toxicity to microorganisms : EC50 (activated sludge): > 1,000 mg/l
 Exposure time: 180 min
 Test Type: Respiration inhibition
 Method: OECD Test Guideline 209
 GLP: yes

Lanthanum chloride, anhydrous:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 2.083 mg/l
 End point: Immobilization
 Exposure time: 48 h
 Test Type: static test
 Method: OECD Test Guideline 202
 GLP: yes

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 28.2 mg/l
 End point: Growth inhibition
 Exposure time: 72 h
 Test Type: static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 201
 GLP: yes

EC10 (Desmodesmus subspicatus (green algae)): 2.3 mg/l
 End point: Growth inhibition
 Exposure time: 72 h

		Page: 13
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Test Type: static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 201
 GLP: yes

EC50 (Skeletonema costatum (marine diatom)): 7.16 mg/l
 End point: Growth inhibition
 Exposure time: 72 h
 Test Type: static test
 GLP: no

Toxicity to fish (Chronic toxicity) : (Cyprinus carpio (Carp)): 0.46 mg/l
 End point: mortality
 Exposure time: 21 d
 Test Type: semi-static test
 Method: OECD Test Guideline 204
 GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.176 mg/l
 Exposure time: 21 d
 Test Type: semi-static test
 GLP: yes

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONO(OCTYLPHENYL) ETHER, BRANCHED:

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Persistence and degradability

Components:

ALUMINUM CHLORIDE:

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

Lanthanum chloride, anhydrous:


Biodegradability : Result: The methods for determining biodegradability are not applicable to inorganic substances.

Bioaccumulative potential

Components:

Lanthanum chloride, anhydrous:

Bioaccumulation : Remarks: Accumulation in aquatic organisms is expected.

		Page: 14
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION


International Regulations

IATA-DGR

UN number : UN 3264
 Proper shipping name : Corrosive liquid, acidic, inorganic, n.o.s. (ALUMINIUM CHLORIDE)
 Class : 8
 Packing group : III
 Packing instruction (cargo aircraft) : 856
 Packing instruction (passenger aircraft) : 852
 Marine pollutant : no

IMDG-Code

UN number : UN 3264
 Proper shipping name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (ALUMINIUM CHLORIDE)

 SOLENIS Strong bonds. Trusted solutions.		Page: 15
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Class : 8
Packing group : III
EmS Code : F-A, S-B
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

UN number : UN 3264
Proper shipping name : Corrosive liquid, acidic, inorganic, n.o.s. (ALUMINIUM CHLORIDE)
Class : 8
Packing group : III
ERG Code : 154
Marine pollutant : no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.
49CFR/IMDG: Packages with inner packaging less than 5L or 5kg and gross weight under 30kg may ship under the Limited Quantity Exception.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium hydroxide	1310-73-2	1000	153846


SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Corrosive to metals
Respiratory or skin sensitization
Specific target organ toxicity (single or repeated exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

		Page: 16
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

SARA 313 : 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.

US State Regulations

Massachusetts Right To Know

aluminium chloride, anhydrous 7446-70-0

Pennsylvania Right To Know

WATER 7732-18-5
aluminium chloride, anhydrous 7446-70-0
Lanthanum chloride, anhydrous 10099-58-8
sodium hydroxide 1310-73-2

New Jersey Right To Know

WATER 7732-18-5
aluminium chloride, anhydrous 7446-70-0
Lanthanum chloride, anhydrous 10099-58-8
OXIRANE, METHYL-, POLYMER WITH OXIRANE,
MONO(OCTYLPHENYL) ETHER, BRANCHED 70955-69-0

California Prop. 65

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

The components of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory
TSCA : All substances listed as active on the TSCA inventory
AIIC : Not in compliance with the inventory
DSL : All components of this product are on the Canadian DSL
ENCS : Not in compliance with the inventory
KECI : Not in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory


TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Further information

		Page: 17
SAFETY DATA SHEET		Revision Date: 11/03/2022
		Print Date: 05/14/2024
		SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019		Version: 1.1

Revision Date : 11/03/2022


Full text of H-Statements

H290 : May be corrosive to metals.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H372 : Causes damage to organs through prolonged or repeated exposure if inhaled.
H373 : May cause damage to organs through prolonged or repeated exposure if swallowed.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Eye Dam. : Serious eye damage
Met. Corr. : Corrosive to metals
Skin Corr. : Skin corrosion
Skin Sens. : Skin sensitisation
STOT RE : Specific target organ toxicity - repeated exposure
NIOSH REL : USA. NIOSH Recommended Exposure Limits
OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA P0 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS

	Page: 18
SAFETY DATA SHEET	Revision Date: 11/03/2022
	Print Date: 05/14/2024
	SDS Number: R1600957
POOLIFE EXCLUSIVE POOL CARE COLLECTION PHOSFIGHT + 251019	Version: 1.1

- Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Safety Data Sheet

Key literature references and sources of data

SOLENIS Internal data

SOLENIS internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This SDS has been prepared by the Solenis Environmental Health and Safety Department.

US / EN