

Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07

Date of issue: 01/21/2026

Revised on 01/21/2026

* 1 Identification

- **Product Identifier**
- **Trade Name: Pure Pool +**
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:**
Pool water additive that removes organics and phosphates that is added to the pool water.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
ReThink Poolcare
Po Box 271722
Flower Mound, Tx, 75028
P: 800-592-0619
rethinkpoolcare.com
care@rethinkpoolcare.com
- **Emergency telephone number:** CHEMTREC 1-800-424-9300 (CCN 726849)

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Corrosion

Skin corrosion 1B H314 Causes severe skin burns and eye damage.
Eye damage 1 H318 Causes serious eye damage.



Sensitization - skin 1 H317 May cause an allergic skin reaction.

- **Label elements:**
- **Hazard pictograms:**



- **Signal word:** Danger
- **Hazard-determining components of labeling:**
lanthanum chloride, hydrate
Alcohol C9-11
- **Hazard statements:**
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
- **Precautionary statements:**
P260 Do not breathe dusts or mists.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves / eye protection / face protection.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

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Trade Name: Pure Pool +

- P302+P352 If on skin: Wash with plenty of water.
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a poison center/doctor.
 P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.

5.4 % of the mixture consists of component(s) of unknown toxicity.

· **Information pertaining to particular dangers for man and environment:**

· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

HEALTH	3	Health = *3
FIRE	0	Fire = 0
REACTIVITY	0	Physical Hazard = 0

· **Hazard(s) not otherwise classified (HNOC):** None known

· **Classification according to (d)(1)(ii) of § 1910.1200**

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

· **Hazards not otherwise classified**

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

* 3 Composition/Information on Ingredients

· **Chemical characterization: Substance**

· **Description:**

Mixture of substances listed with non-hazardous additions and/or components that are less than listing threshold. All non-hazardous, components listed under threshold, and listed component total 100%.

· **Dangerous Components:**

CAS: 20211-76-1	lanthanum chloride, hydrate ⚠ Corrosive to metals 1, H290; Skin corrosion 1B, H314; Eye damage 1, H318; ⚠ Sensitization - skin 1B, H317	2-12%
CAS: 68439-46-3	Alcohol C9-11 ⚠ Eye damage 1, H318; ⚠ Skin irritation 2, H315	2-12%

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Trade Name: Pure Pool +

CAS: 90147-57-2	Yucca Extract	2-12%
	⚠ Skin irritation 2, H315; Eye irritation 2B, H320	
CAS: 5989-27-5 RTECS: GW 6360000	d-limonene	≤2.5%
	⚠ Flammable liquids 3, H226; ⚠ Aspiration hazard 1, H304; ⚠ Aquatic Acute 1, H400; ⚠ Skin irritation 2, H315; Sensitization - skin 1B, H317	

· **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

* 4 First-Aid Measures

· **Description of first aid measures**

· **General information:** If symptoms persist, call a physician.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediate medical treatment is necessary. Failure to treat burns can prevent wounds from healing.

If skin irritation occurs, consult a doctor.

· **After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

If easy to do so, remove contact lenses if worn.

If eye irritation occurs, consult a doctor.

· **After swallowing:**

Rinse mouth with water.

If swallowed and symptoms occur, consult a doctor.

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

5 Fire-Fighting Measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **For safety reasons unsuitable extinguishing agents:** No further relevant information.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Advice for firefighters**

· **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures:**

Wear protective clothing, including safety glasses.

· **Environmental precautions:** Dilute with plenty of water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose of the collected material according to regulations.

· **PAC-1:**

9002-92-0	Ethoxylated lauryl alcohol	3.0 mg/m3
5989-27-5	d-limonene	15 ppm
25155-30-0	Sodium dodecylbenzenesulphonate	1.3 mg/m3

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Trade Name: **Pure Pool +**

· PAC-2:		
9002-92-0	Ethoxylated lauryl alkohol	33 mg/m ³
5989-27-5	d-limonene	67 ppm
25155-30-0	Sodium dodecylbenzenesulphonate	14 mg/m ³
· PAC-3:		
9002-92-0	Ethoxylated lauryl alkohol	200 mg/m ³
5989-27-5	d-limonene	170 ppm
25155-30-0	Sodium dodecylbenzenesulphonate	87 mg/m ³

· **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* 7 Handling and Storage

· **Precautions for safe handling:**

Store in a cool, dry place in tightly closed containers.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**

· **Storage**

· **Requirements to be met by storerooms and receptacles:**

Store in a cool, dry place in tightly closed receptacles.

Store in the original container.

· **Information about storage in one common storage facility:** Not required

· **Further information about storage conditions:** Keep receptacle tightly sealed.

· **Specific end use(s):** No further relevant information available.

* 8 Exposure Controls/Personal Protection

· **Control parameters:**

· **Components with occupational exposure limits:**

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

5989-27-5 d-limonene

TWA Short-term value: 10 mg/m³

· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **Exposure controls:**

· **Appropriate engineering controls** No further data; see section 7.

· **Personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required

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· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**



Safety glasses

· **Limitation and supervision of exposure into the environment:** None

* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Liquid

· **Color:**

Gold to Brown

· **Odor:**

Characteristic

· **Odor threshold:**

Not determined

· **Melting point/Melting range:**

Not determined.

· **Boiling point/Boiling range:**

Not determined.

· **Flammability:**

Not applicable

· **Explosion limits:**

· **Lower:**

Not determined

· **Upper:**

Not determined

· **Flash point:**

None

· **Auto igniting:**

Not applicable

· **Decomposition temperature:**

Not determined

· **pH-value @ 20 °C (68 °F):**

<2.5

· **Viscosity:**

· **Kinematic:**

Not determined

· **Dynamic:**

Not determined

· **Solubility in / Miscibility with:**

· **Water:**

Fully miscible.

· **Partition coefficient (n-octanol/water):**

Not determined

· **Vapor pressure @ 20 °C (68 °F):**

≤23 hPa (≤17.3 mm Hg)

· **Vapor pressure:**

· **Density:**

Not determined

· **Relative density:**

Not determined

· **Vapor density:**

Not determined

· **Particle characteristics**

Not applicable

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- **Other information:**
- **Appearance:**
- **Form:** Liquid
- **Important information on protection of health and environment, and on safety.**
- **Ignition temperature:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Change in condition**
- **Evaporation rate:** Not determined

* 10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Avoid strong oxidizers, acids and alkalis.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

* 11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

90147-57-2 Yucca Extract

Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>4,000 mg/kg (Rat)

5989-27-5 d-limonene

Oral	LD50	4,400 mg/kg (Rat)	Remarks: Behavioral: Change in motor activity (specific assay). Respiratory disorder Skin and Appendages: Other: Hair
Dermal	LD50	>5,000 mg/kg (rabbit)	

- **Primary irritant effect:**
- **On the skin:**
Strong caustic effect on skin and mucous membranes.
May cause an allergic skin reaction.
- **On the eye:**
Strong irritant with the danger of severe eye injury.
Irritating effect.
Corrosive effect.
Causes serious eye irritation.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Interactive effects** No interactive effects between components are known.
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans

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Group 3 - Not classifiable as to its carcinogenicity to humans

Group 4 - Probably not carcinogenic to humans

5989-27-5	d-limonene	3
· NTP (National Toxicology Program):		
None of the ingredients are listed.		
· OSHA-Ca (Occupational Safety & Health Administration):		
None of the ingredients are listed.		
· Alternative sources for toxicological information		
No non-standard sources for toxicological information where used.		

* 12 Ecological Information

- **Toxicity:**

- **Aquatic toxicity:**

5989-27-5 d-limonene

EC50 | 0.36 mg/l (Daphnia) (OECD Test Guideline 202)

- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects:**
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.

* 13 Disposal Considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household waste. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.

- **Uncleaned packaging**

- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

* 14 Transport Information

- **UN-Number:**

- **DOT, ADR/ADN, IMDG, IATA**

UN1760

- **UN proper shipping name:**

- **DOT**

Corrosive liquids, n.o.s. (lanthanum chloride, hydrate)

- **ADR/ADN**

UN1760 CORROSIVE LIQUID, N.O.S. (lanthanum chloride, hydrate)

- **IMDG, IATA**

CORROSIVE LIQUID, N.O.S. (lanthanum chloride, hydrate)

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Trade Name: Pure Pool +· **Transport hazard class(es):**· **DOT**

· **Class:** 8 Corrosive substances
 · **Label:** 8

· **ADR/ADN**

· **Class:** 8 (C9) Corrosive substances
 · **Label:** 8

· **IMDG, IATA**

· **Class:** 8 Corrosive substances
 · **Label:** 8
 · **Packing group:** III
 · **DOT, ADR/ADN, IMDG, IATA** III
 · **Environmental hazards:** Not applicable
 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable
 · **Transport/Additional information:**
 · **DOT**
 · **Quantity limitations:** On passenger aircraft/rail: 5 L
 On cargo aircraft only: 60 L

· **ADR/ADN**

· **Excepted quantities (EQ):** Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml

· **IMDG**

· **Limited quantities (LQ):** 5L
 · **Excepted quantities (EQ):** Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml
 · **Special precautions for user:** Warning: Corrosive substances
 · **Hazard identification number (Kemler code):** 80
 · **EMS Number:** F-A,S-B
 · **Stowage Category** A
 · **Stowage Code** SW2 Clear of living quarters.

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Trade Name: Pure Pool +

- **UN "Model Regulation":** UN 1760 CORROSIVE LIQUID, N.O.S. (LANTHANUM CHLORIDE, HYDRATE), 8, III

* 15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
No further relevant information available.
- **SARA (Superfund Amendments and Reauthorization):**

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

68439-46-3	Alcohol C9-11	ACTIVE
9002-92-0	Ethoxylated lauryl alcohol	ACTIVE
1300-72-7	Sodium Xylene Sulfonate	ACTIVE
77-92-9	citric acid	ACTIVE
5989-27-5	d-limonene	ACTIVE
25155-30-0	Sodium dodecylbenzenesulphonate	ACTIVE
61789-40-0	Cocamidopropyl Betaine	ACTIVE
68584-25-8	Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	ACTIVE

- **Hazardous Air Pollutants**

None of the ingredients are listed.

- **California Proposition 65:**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **New Jersey Right-to-Know List:**

25155-30-0 Sodium dodecylbenzenesulphonate

- **New Jersey Special Hazardous Substance List:**

None of the ingredients are listed.

- **Pennsylvania Right-to-Know List:**

None of the ingredients are listed.

- **Pennsylvania Special Hazardous Substance List:**

None of the ingredients are listed.

- **Carcinogenic categories:**

- **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

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<ul style="list-style-type: none"> · TLV (Threshold Limit Value established by ACGIH):
None of the ingredients are listed.
<ul style="list-style-type: none"> · NIOSH-Ca (National Institute for Occupational Safety and Health):
None of the ingredients are listed.

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



- **Signal word:** Danger

- **Hazard-determining components of labeling:**

lanthanum chloride, hydrate

Alcohol C9-11

- **Hazard statements:**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

- **Precautionary statements:**

P260 Do not breathe dusts or mists.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P302+P352 If on skin: Wash with plenty of water.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a poison center/doctor.

P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

P362+P364 Take off contaminated clothing and wash it before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

<ul style="list-style-type: none"> · National regulations:
The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

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Trade Name: Pure Pool +

- **Date of previous version** 01/21/2026
 - **Version number of previous version:** 1
 - **Date of preparation** 01/21/2026
 - **Abbreviations and acronyms:**
 - ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 - ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - HMIS: Hazardous Materials Identification System (USA)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - NIOSH: National Institute for Occupational Safety and Health
 - OSHA: Occupational Safety & Health Administration
 - TLV: Threshold Limit Value
 - PEL: Permissible Exposure Limit
 - REL: Recommended Exposure Limit
 - Flammable liquids 3: Flammable liquids – Category 3
 - Corrosive to metals 1: Corrosive to metals – Category 1
 - Skin corrosion 1B: Skin corrosion/irritation – Category 1B
 - Skin irritation 2: Skin corrosion/irritation – Category 2
 - Eye damage 1: Serious eye damage/eye irritation – Category 1
 - Eye irritation 2B: Serious eye damage/eye irritation – Category 2B
 - Sensitization - skin 1: Skin sensitisation – Category 1
 - Sensitization - skin 1B: Skin sensitisation – Category 1B
 - Aspiration hazard 1: Aspiration hazard – Category 1
 - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 - *** Data compared to the previous version altered.**
- SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106