SAFETY DATA SHEET

# PURE SUPER PUCKS

## 1. IDENTIFICATION

**Product name** : **PURE SUPER PUCKS**

**Product code** : **30-92240**

**Other means of identification** : Not available.

**Supplier** : Purity
42, de l'artisan
Victoriaville, Quebec
G6P 7E3

**Manufacturer** : Manufactured for:
Purity
42, de l'artisan
Victoriaville, Quebec
G6P 7E3

**Identified uses** : Consumer products: Pool & Spa water treatment product
This MSDS is provided as information only. The product is not WHIMS regulated. The product is regulated under the PCP act and packaged as a consumer product.

**Uses advised against** : Only use this product as directed. Read label before using.

**Date of issue (YYYY-MM-DD)** : **2017-07-04**

**In case of emergency : Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)**

## 2. HAZARDS IDENTIFICATION

**Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.**

**Product Classification** : **ACUTE TOXICITY (oral) - Category 3**
**ACUTE TOXICITY (inhalation) - Category 2**
**SKIN IRRITATION - Category 2**
**EYE IRRITATION - Category 2A**

**Signal word** : **Danger**

**Hazard pictograms** :

**Hazard statements** : Fatal if inhaled.
Toxic if swallowed.
May cause severe eye irritation.
May cause skin irritation.

**Precautionary statements**

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

**Prevention** : Wear respiratory protection. Use only outdoors or in a well-ventilated area. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Specific protective equipment is suggested for this product. See section 8 for details.

**Response** : IF INHALED: Move person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. IF ON SKIN: Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. Rinse with water. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Store container tightly closed in well-ventilated place.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Supplemental label elements** : No additional information.

**Other hazards which do not result in classification** : None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/mixture** : Substance

| Ingredient name | CAS number | % (w/w) |
|---|---|---|
| Trichloroisocyanuric Acid | 87-90-1 | 60 - 100 |

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

## 4. FIRST AID MEASURES

**Description of required first aid measures**

**Eye contact** In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention. Get medical attention if irritation persist.

**Skin contact** Get medical attention if irritation persist. Get medical attention if irritation occur.

**Ingestion** Get medical attention immediately. Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Inhalation** Get medical attention immediately. Call a poison center or physician. Move 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. Maintain an open airway.

**Most important symptoms/effects, acute and delayed**

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

**Skin contact** Adverse symptoms may include the following:
irritation
redness

**Ingestion** Adverse symptoms may include the following:
stomach pains
nausea or vomiting
headache
diarrhea

**Inhalation** No specific symptoms under normal use conditions.

**Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**See toxicological information (Section 11)**

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical** No specific fire or explosion hazard.

**Hazardous thermal decomposition products** Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
halogenated compounds

**Special fire-fighting procedures** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| **Personal precautions** | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required. |
| **Personal protection** | Put on appropriate personal protective equipment (see Section 8). |
| **Cleaning method** | Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up. |

## 7. HANDLING AND STORAGE

| | |
|---|---|
| **Handling** | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures. |
| **Storage and Incompatibility** | Store in accordance with local regulations. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10). |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits**

None.

| | |
|---|---|
| **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. |

**Individual protection measures**

| | |
|---|---|
| **Eye/face protection** | Continued or intense exposures might required to wear safety glasses. No specific protective equipment required under normal use conditions. |
| **Hands and Body protection** | It is suggested to wear chemical-reisitant gloves while using or handling this product. |
| **Respiratory protection** | It is suggested to wear dust-protection mask for prolonged or intense exposures. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | | | |
|---|---|---|---|---|---|
| **Physical state** | Solid. | **pH** | 3 [Conc. (% w/w): 1%] | **Flash point** | Not available. |
| **Color** | White. | **Relative density** | 2.1 | **Melting point** | Not available. |
| **Odor** | Pungent. | **Viscosity** | Not available. | **Boiling point** | Not available. |
| **Odor threshold** | Not available. | **Vapor pressure** | Not available. | **Fire point** : | Not available. |
| **Solubility in water** : | Not available. | **Vapor density** : | Not available. | **Evaporation rate** : | Not available. |

| | | | |
|---|---|---|---|
| **Decomposition temperature** : | Not available. | **Auto-ignition temperature** : | Not available. |
| **Partition coefficient: n-octanol/ water** : | Not available. | **Flammability (solid, gas)** : | Not available. |

**Lower and upper explosive (flammable) limits** : Not available.

## 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. |
| **Incompatible materials** | No specific data. |
| **Conditions to avoid** | No specific data. |
| **Possibility of hazardous reactions** | Under normal conditions of storage and use, hazardous reactions will not occur. |
| **Hazardous decomposition products** | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## 11. TOXICOLOGICAL INFORMATION

**Route of exposure** Not available.

| | Potential acute health effects | Symptoms |
|---|---|---|
| **Eye contact** | cause eye irritation | Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
| **Skin contact** | May cause skin irritation. | Adverse symptoms may include the following:<br>irritation<br>redness |
| **Ingestion** | Toxic if swallowed. | Adverse symptoms may include the following:<br>stomach pains<br>nausea or vomiting<br>headache<br>diarrhea |
| **Inhalation** | Fatal if inhaled. | No specific symptoms under normal use conditions. |

**Toxicity data**

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|---|---|---|---|
| Trichloroisocyanuric Acid | LD50 Dermal<br>LD50 Oral | Rat<br>Rat | >5000 mg/kg<br>406 mg/kg | -<br>- |

**Information on toxicological effects**

**Mutagenicity** No known significant effects or critical hazards.

**Teratogenicity** No known significant effects or critical hazards.

**Developmental effects** No known significant effects or critical hazards.

**Fertility effects** No known significant effects or critical hazards.

**Sensitization** Not available.

**Carcinogenicity** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity data**

| Product/ingredient name | Result | Species | Exposure |
|---|---|---|---|
| Trichloroisocyanuric Acid | Acute EC50 0.17 ppm Fresh water<br>Acute LC50 0.08 ppm Fresh water | Daphnia - Daphnia magna<br>Fish - Oncorhynchus mykiss | 48 hours<br>96 hours |

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

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

| | UN number | UN proper shipping name | Transport hazard class (es) | Packing group | TDG Placard |
|---|---|---|---|---|---|
| **TDG Classification** | Not regulated. | - | - | - | |

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**Additional information** See shipping documents for specific information on DOT, IMDG or IATA

## 15. REGULATORY INFORMATION

**Canadian lists**

| | |
|---|---|
| **Canadian NPRI** | None of the components are listed. |
| **CEPA Toxic substances** | None of the components are listed. |
| **Canada inventory** | All components are listed or exempted. |

**International lists**

**United States** All components are listed or exempted.

## 16. OTHER INFORMATION

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

| | |
|---|---|
| Health Hazard | 3 |
| Fire Hazard | 0 |
| Reactivity | 2 |
| Personal Protection | F |

**Date of issue/Date of revision (YYYY-MM-DD)** : 2017-07-04

**Prepared by** : **Regulatory Affairs Department**

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**Notice to reader**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**
**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**