

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

## 1 Identification

- **Product identifier**
- **Trade name:** Cyanuric Acid Test
- **Product code:** 22220, 23221, 23222
- **Recommended use and restriction on use**
- **Recommended use:** Testing solution
- **Restrictions on use:** See Sections 8 and 10 for further information.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Poolmaster  
770 Del Paso Road  
Sacramento, CA 95834 USA  
(916) 567 9800  
Purchasing@poolmaster.com
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified as hazardous according to the Globally Harmonized System (GHS).

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- **Label elements**
- **GHS label elements** Not regulated.
- **Hazard pictograms:** Not regulated.
- **Signal word:** Not regulated.
- **Hazard statements:** Not regulated.
- **Precautionary statements:** Not regulated.




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- **Other hazards** There are no other hazards not otherwise classified that have been identified.

## 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures

- **Components:**

108-78-1	melamine		<1%
62-38-4	phenylmercury acetate	 Acute Tox. 3, H301  STOT RE 1, H372  Skin Corr. 1B, H314	<0.1%

- **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.  
For the wording of the listed Hazard Statements refer to section 16.

(Cont'd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

**Trade name: Cyanuric Acid Test**

(Cont'd. of page 1)

## 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation is experienced, consult a doctor.
- **After eye contact:**  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:**  
Slight irritant effect on eyes.  
Nausea in case of ingestion.  
Gastric or intestinal disorders when ingested.
- **Indication of any immediate medical attention and special treatment needed:**  
Contains mercury salt. Consult literature for specific antidotes.  
If medical advice is needed, have product container or label at hand.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
The product is not flammable.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture** No relevant information available.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation.  
Use personal protective equipment as required.
- **Environmental precautions**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Methods and material for containment and cleaning up**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the collected material according to regulations.

(Cont'd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

**Trade name: Cyanuric Acid Test**

(Cont'd. of page 2)

· **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

· **Handling**

· **Precautions for safe handling:**

Open and handle receptacle with care.  
Keep out of reach of children.

· **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 cool, dry conditions in well sealed receptacles.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

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

## 8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**108-78-1 melamine**

WEEL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *inhalable **respirable fraction
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**62-38-4 phenylmercury acetate**

PEL (USA)	Long-term value: 0.1 mg/m <sup>3</sup> as Hg; see OSHA standard interpretation memo
REL (USA)	Ceiling limit value: 0.1 mg/m <sup>3</sup> as Hg; Skin
TLV (USA)	Long-term value: 0.1 mg/m <sup>3</sup> as Hg; Skin
EL (Canada)	Long-term value: 0.05 mg/m <sup>3</sup> Ceiling limit value: 0.1 mg/m <sup>3</sup> as Hg; Skin
EV (Canada)	Long-term value: 0.025 mg/m <sup>3</sup> as Hg, Skin
LMPE (Mexico)	Long-term value: 0.1 mg/m <sup>3</sup> PIEL; como Hg

(Cont'd. on page 4)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

**Trade name: Cyanuric Acid Test**

(Cont'd. of page 3)

- **Exposure controls**
- **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.  
Avoid contact with the eyes.  
Avoid close or long term contact with the skin.
- **Engineering controls:** No relevant information available.
- **Breathing equipment:** Not required under normal conditions of use.
- **Protection of hands:**  
Gloves are advised for repeated or prolonged contact.  
Wear protective gloves to handle contents of damaged or leaking units.
- **Material of gloves:** Rubber gloves
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Not required under normal conditions of use.
- **Limitation and supervision of exposure into the environment:** No special requirements.
- **Risk management measures:** No special requirements.

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

· **Appearance:**

**Form:** Liquid  
    **Color:** Colorless

· **Odor:** Slight

· **Odor threshold:** Not determined.

· **pH-value:** 5.8

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** ~100 °C (~212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits**

**Lower:** Not determined.

**Upper:** Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure at 20 °C (68 °F):** <17 hPa (<13 mm Hg)

· **Density:**

**Relative density:** ~1

(Cont'd. on page 5)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

Trade name: Cyanuric Acid Test

(Cont'd. of page 4)

<b>Vapor density:</b>	<1 (Air=1)
<b>Evaporation rate:</b>	Not determined.

· <b>Solubility in / Miscibility with Water:</b>	Soluble.
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· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
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· <b>Viscosity</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Other information</b>	No relevant information available.

## 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong acids and alkali.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** No relevant information available.
- **Hazardous decomposition products** Possible in traces.

## 11 Toxicological information

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

· <b>LD/LC50 values that are relevant for classification:</b>	
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<b>ATE (Acute Toxicity Estimates)</b>	
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Oral	LD50	>5000 mg/kg (rat)
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<b>62-38-4 phenylmercury acetate</b>	
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Oral	LD50	22 mg/kg (rat)
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- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.

- **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer):</b>	
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None of the ingredients are listed.
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· <b>NTP (National Toxicology Program):</b>	
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None of the ingredients are listed.
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(Cont'd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

**Trade name: Cyanuric Acid Test**

(Cont'd. of page 5)

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Ingestion.  
Inhalation.  
Eye contact.  
Skin contact.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

· **Toxicity**

- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.

· **Additional ecological information**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings**

- **Recommendation:** Disposal must be made according to official regulations.

(Cont'd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

Trade name: Cyanuric Acid Test

(Cont'd. of page 6)

## 14 Transport information

· <b>UN-Number</b> · DOT, ADR, IMDG, IATA	Not regulated.
· <b>UN proper shipping name</b> · DOT, ADR, IMDG, IATA	Not regulated.
· <b>Transport hazard class(es)</b> · DOT, ADR, IMDG, IATA · Class	Not regulated.
· <b>Packing group</b> · DOT, ADR, IMDG, IATA	Not regulated.
· <b>Environmental hazards</b> · Marine pollutant:	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

- **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 304 (emergency release notification):**

None of the ingredients are listed.

- **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)**

All ingredients are listed.

- **Proposition 65 (California)**

- **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.

(Cont'd. on page 8)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: April 04, 2017

Revision: April 04, 2017

**Trade name: Cyanuric Acid Test**

(Cont'd. of page 7)

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

None of the ingredients are listed.

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

Present in trace quantities.

62-38-4 | phenylmercury acetate

· **Carcinogenic categories**

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

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** April 04, 2017 / -

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

· **Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

(Cont'd. on page 9)



**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

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Revision: April 04, 2017

**Trade name: Cyanuric Acid Test**

(Cont'd. of page 8)

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