

Section 1 - IdentificationProduct Name: **Test Tank Powder, Radex[®] brand**

Last reviewed: 7/17/18

Powdered radiator test tank acid neutralizer.

Last revised: 4/28/15

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Section 2 - Hazards Identification

Hazard categories: Eye Corrosion/Irritation 2B

Hazard statements: Causes serious eye irritation.

Signal word: Warning

Pictogram: Exclamation

Precautionary statements

Prevention

Wash hands thoroughly after handling.

Wear eye protection such as safety glasses with side shields.

Response**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical attention.

Storage: None. Disposal: None.

**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Sodium carbonate	497-19-8	99%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.**Skin Contact:** Wash exposed area with soap and water.**Inhalation:** None.**Ingestion:** If the product is swallowed, rinse mouth with water. Dilute by giving a glass of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.**Section 5 - Fire-Fighting Measures****Extinguishing Media:** Any**Special Fire Fighting Procedures:** None.**Unusual Fire And Explosion Hazards:** None.**Section 6 - Accidental Release Measures****Steps To Be Taken If Material Is Released Or Spilled:** Sweep up and if not contaminated it may be used in the test tank.**Section 7 - Handling and Storage**

None.

Section 8 - Exposure Controls / Personal Protection

None of the ingredients have known exposure limits or they are below OSHA reportable levels.

Ventilation: None.**Respiratory Protection:** None when used as directed. If dust is a problem use a nuisance dust mask.**Gloves:** Use rubber or latex gloves. Disposable latex gloves are okay.**Eye Protection:** If eye contact is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea, but not required.**Other Protective Equipment:** None.**Section 9 - Physical and Chemical Properties**

Appearance and Odor: An orange powder with no odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Applicable
pH: of 1% solution: 11.4	Vapor Density: Not Applicable
Melting Point: 1,564° F.	Relative Density (Specific Gravity): 2.5
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: Not Available	Partition coefficient: Not Applicable
Boiling Range: Not Available	Auto-ignition Temperature: Not Applicable
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: Not Applicable (Water = 1)	Viscosity: Not Applicable
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 0%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: Reacts with acids to release carbon dioxide gas.

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Target Organs: Eyes

Potential Health Effects:

Eyes - powder causes irritation, redness, tearing due to both chemical and abrasive action. Prolonged contact may cause damage. Test tank solution causes irritation and redness.

Skin - Non-irritating to intact skin. Minor irritation may occur on abraded skin.

Swallowing - can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Breathing - dust may be irritating if inhaled.

ORAL LD₅₀: 4,090 mg/kg (rat).

Section 12 - Ecological Information

Do not dispose of in the environment.

ECOTOXICOLOGICAL INFORMATION: 96-hour LC₅₀ = 265 - 565 mg/L (daphnia magna) (low toxicity)

96-hour LC₅₀ = 300 - 320 mg/L (bluegill sunfish) (low toxicity)

Section 13 - Disposal Considerations

Waste Disposal Method: Sweep up and if not usable, discard in the trash. Used test tank water may contain heavy metals. If not, it may be neutralized to pH 9 or below and put down a sanitary ewer.

Section 14 - Transport Information

U.S. D.O.T. Hazard Class: Not considered hazardous by D.O.T. for ground transport.

CANADA: This material is not regulated when transported by road in Canada.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

CANADA - WHMIS: Hazard Classification / Division: D2B, E

Section 16 - Other Information

NFPA: H:0 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/28/15. Reviewed per Canadian requirements. No changes.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.