



Safety Data Sheet

Better Chemistry. Better Business

RADIANT PC25X-L

Revised: 9/8/25

1 IDENTIFICATION

Product Name: RADIANT PC25X-L

Product Code :2052241

Recommended use of the chemical and restrictions on use:Industrial applications

Hubbard-Hall Inc.

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Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Signal Word: WARNING

Hazard Category: Eye Damage/Irritation Hazard Category 2A

Specific Target Organ Toxicity (Single Exposure) Hazard Category 3

Hazard Statements: Causes serious eye irritation.

May cause respiratory irritation.

Prevention: Wash skin thoroughly after handling.

Wear rubber protective gloves and goggles.

Use only outdoors or in well ventilated area.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

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

If eye irritation persists: Get medical attention .

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call poison center/doctor if you feel unwell.

Storage: Store in a well ventilated place. Keep cool .

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Ammonium Citrate-Dibasic		3012-65-5	15-20%
Ammonium Citrate-Monobasic		4450-94-6	1-5%
Citric Acid		7664-38-2	5-10%

4 FIRST AID

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

After Eye Contact:

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

Most Important Symptoms/Effects**Eye:**

Irritation of eyes and skin.

Skin:

This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation(dermatitis).

Indication of immediate medical attention:

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:

Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

Specific hazards arising from the chemical:

Carbon oxides may be produced.

Special protective equipment and precautions for firefighter

Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment & cleaning up:

Stop spill at source.

Caution: Spilled material may be slippery.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

Sweep up and return to container

7 HANDLING AND STORAGE

Precautions for safe handling:

Wash hands thoroughly after handling.

Wear rubber gloves, eye protection, and chemical protective clothing.

Eating, drinking and smoking in the work area is prohibited.

Conditions for safe storage, inc any incompatibilities: Store in properly sealed and labeled containers. Do not store outside.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Ammonium Citrate	Not established		

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Protective Gloves: Wear rubber gloves.
Eye Protection: Wear chemical safety goggles & full face shield

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slight yellow tint liquid
Odor: NA
Odor Threshold: N/A
PH: 3.5-4.1
Melting Point/Freezing Point: NA
Initial Boiling Point and Boiling Range: 202-205 °F
Flash Point: NA
Evaporation Rate: N/A
Flammability (solid, gas): N/A
Upper/Lower flammability or explosive limits: non-flammable
Vapor Pressure: NA
Vapor Density: NA
Relative Density: 1.10
Solubility (ies): 100%
Partition Coefficient; n-octanol/water: NA
Auto-ignition Temperature: N/A
Decomposition Temperature: NA
Viscosity: NA

10 STABILITY AND REACTIVITY

Reactivity: Hazardous Polymerization will not occur.
Chemical Stability: Stable under normal conditions
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Incompatible Materials: Avoid contact with strong oxidizers and strong acids.

11 TOXICOLOGICAL INFORMATION

Oral Administration: LD50 Oral (Mouse): 5,400 mg/kg
Inhalation: (Guinea pig): ca. 75 mg/l
Dermal administration: LD50 Dermal (Rat): > 2,000 mg/kg
Immediate effects: Irritation/ burns of skin and eyes.

Cancer Hazard: Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Persistence and Degradability: Will biodegrade readily
Biotic degradability: No data available
Bioaccumulation potential: Unlikely
Water result: Disperses in water.
Soil/Sediment Result: No data available

13 DISPOSAL CONSIDERATION

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

14 TRANSPORT INFORMATION

UN Proper Shipping Name: NOT DOT REGULATED

15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

Sara Hazard Classification The chemicals in this product are not subject to SARA Title III, Section 313 Reporting Requirements.
Proposition 65 No Proposition 65 listed components in this formula
TSCA Inventory Status All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

16 OTHER INFORMATION

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.