



# Safety Data Sheet

Better Chemistry. Better Business

## NEUTRAL SALT RECTIFIER PELLETS

Revised: 11/2/17

### 1 IDENTIFICATION

**Product Name:** NEUTRAL SALT RECTIFIER PELLETS  
**Product Code :**2282016  
**Recommended use of the chemical and restrictions on use:**Industrial applications

**Hubbard-Hall Inc.**  
563 South Leonard Street  
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  
**Hazard Statements:** Causes serious eye irritation.

**Prevention:** Wash skin thoroughly after handling.  
Wear rubber protective gloves and goggles.

**Response:** If in eyes: Wash cautiously with water for several minutes. Remove contact lenses if present and easy to do Continue rinsing. If eye irritation persists, get medical attention

**Disposal:** Once container is emptied, check with local, state, or federal authorities to be sure it is suitable for reconditioning or disposal.

### 3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Ammonium Chloride	-	12125-02-9	25%

### 4 FIRST AID

**After Skin Contact:**  
If on skin: Wash with plenty of water.

**After Eye Contact:**

If in eyes: wash with plenty of water and get medical attention if burned or irritated.

#### After Ingestion:

If swallowed: Immediately call poison center or doctor. This product contains Potassium and Sodium Chlorides.

### Most Important Symptoms/Effects

#### Eye:

Irritation of eyes and skin.

## 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:** When fighting fires in areas where this product is being used in molten state, contact with water will result in violent reaction. (product used in molten state at temperature > 1000 °F)

**Special protective equipment and precautions for firefighter** Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

## 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, & Emergency Proc** na

**Methods and Materials for containment & cleaning up:** Sweep up and return to container

## 7 HANDLING AND STORAGE

**Precautions for safe handling:** Keep container tightly closed.

**Conditions for safe storage, inc any incompatibilities:** Store in cool dry place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Ammonium Chloride	ACGIH	10 mg/m3	

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

**Protective Gloves:** Thermal resistant leather

**Eye Protection:** Wear chemical safety goggles with face shield.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White to off-white granular mixture

**Odor:** bleach odor

**Odor Threshold:** N/A

**PH:** N/A

**Melting Point/Freezing Point:** N/A

Initial Boiling Point and Boiling Range:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Upper/Lower flammability or explosive limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	N/A
Solubility (ies):	Complete in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

## 10 STABILITY AND REACTIVITY

<b>Conditions to Avoid:</b>	Contact with incompatible materials when use in molten state.
<b>Incompatible Materials:</b>	When in use in molten state material is incompatible with all chemicals except other heat transfer salts.

## 11 TOXICOLOGICAL INFORMATION

<b>Oral Administration:</b>	Ammonium Chloride-LD50(Rat)-1650 mg/kg
<b>Dermal administration:</b>	Not established for this product
<b>Irritation:</b>	May cause irritation to skin and eyes.
<b>Delayed effects:</b>	NA
<b>Cancer Hazard:</b>	Not listed by IARC, NTP, OSHA, ACGIH
<b>Routes of Exposure</b>	Eyes, Skin, Inhalation, Ingestion

## 12 ECOLOGICAL INFORMATION

<b>Daphnia Magna,</b>	no data available
<b>Persistence and Degradability:</b>	Not Available
<b>Water result:</b>	Disperses in water.
<b>Soil/Sediment Result:</b>	No data available

## 13 DISPOSAL CONSIDERATION

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

## 14 TRANSPORT INFORMATION

<b>UN Proper Shipping Name:</b>	NOT DOT REGULATED
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## 15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

**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.