



# Safety Data Sheet

Better Chemistry. Better Business

BASE SALT #1

Revised: 8/28/19

## 1 IDENTIFICATION

**Product Name:** BASE SALT #1  
**Product Code :**2282018  
**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:** Acute Toxicity-Oral Hazard Category 4  
Eye Damage/Irritation Hazard Category 2A

**Hazard Statements:** Harmful if swallowed.  
Causes serious eye irritation.

**Prevention:** Wash skin thoroughly after handling.  
Wear rubber gloves, goggles and chemical protective clothing.  
Do not eat, drink or smoke when using this product.

**Response:** If swallowed: Call poison center/doctor if you feel unwell.  
Rinse Mouth  
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 .

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

**Components with Unknown** Inhalation = 80% Dermal = 80%  
**Acute Toxicity**

### 3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Sodium Carbonate	-	497-19-8	~20%
Potassium Cyanate	-	590-28-3	<80%
Potassium Carbonate	-	584-08-7	<4%

### 4 FIRST AID

**After Inhalation:**

Move to fresh air. If breathing is difficult, give oxygen. If breathing stops, provide artificial respiration. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one way valve or other proper respiratory device. Call a physician or poison control center immediately.

**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.

**After Ingestion:**

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

**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).

**Ingestion:**

Ingestion: May cause irritation and burning of the lips, mouth and throat,

**Indication of immediate medical attention:**

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

**Note to Physicians:**

Administer potassium to counteract the effect of barium.

### 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, goggles and chemical protective clothing.

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

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sodium Carbonate	Not established	-	-
Potassium Cyanate	OSHA PEL	5 mg/m3	-

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

**Protective Gloves:** Rubber gloves

**Eye Protection:** Wear chemical safety goggles.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

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

**Odor:** No odor

**Odor Threshold:** N/A

**PH:** 11-12

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

**Initial Boiling Point and Boiling Range:** N/A

**Flash Point:** None

**Evaporation Rate:** N/A

**Flammability (solid, gas):** Non flammable

**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

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:	Sodium Carbonate-LD50(Rat)-4090 mg/kg
Oral Administration:	Potassium Cyanate (ATEmix)(Rat)-567 mg/kg
Oral Administration:	Potassium Chloride (ATEmix)(Rat)-1870 mg/kg
Inhalation:	Sodium Carbonate LC50(Rat)-2 hr - 2.3 mg/L
Dermal administration:	Sodium Carbonate-LD50(Rabbit)->2000 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
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## 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.
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