



## CateringStone TCP -10°C Material Safety Data Sheet

### 1. GENERAL PRODUCT AND COMPANY INFORMATION

#### Company Information

Company Name : Pensak Technologies  
Company Address : 2207 N. Grant Avenue  
Wilmington, DE 19806  
Telephone : 1.302.426.0120  
(Mon. – Fri., 8:00 AM –5:00 PM EST)  
E mail : info@pensak.com  
Emergency Contact Number for  
Medical Emergency/Safety only : 1.828.708.7178

#### Product Information

Product Name : CateringStone TCP -10°C  
Product Contents : Potassium Chloride and  
Inorganic Chemicals  
Chemical Family : Inorganic Chemical  
Primary constituent: KCl  
Other constituents : Proprietary additives

### 2. COMPOSITION AND INGREDIENT INFORMATION

*A mixture of inorganic salts in water* : *Typical Wt % - 100 %*

### 3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor : Transparent to White colored liquid  
Melting Point : As per product technical data sheets  
Boiling Point : N.A.  
Vapor Pressure : N.A.  
Vapor Density : N.A.  
Decomposition Temp. : N.A.  
Evaporation Rate : N.A.  
% Volatiles (other than water) by vol. : Nil  
pH : 7.65

### 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point : N.A.  
Unusual Fire & Explosion Hazard : Not Applicable  
Flammability : Material is non-flammable



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Under Fire/Explosion the salt will not burn or explode. It will corrode most metals exposed to air. Hazardous polymerization will not occur. When anhydrous material dissolves in water it absorbs heat.

**Extinguishing media:** Non combustible product. Use extinguishing media appropriate for surrounding fire. When heated to decomposition may produce irritant fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapor or products of combustion. Not considered to be an explosion hazard.

Any fire fighting method depending on cause of fire should be used. Summon fire brigade immediately. Wear positive pressure self contained breathing apparatus. Remove from vicinity containers NOT involved in fire. Use equipment/media appropriate to surrounding conditions. Water may be effective for cooling containers.

**5. STABILITY AND REACTIVITY**

Stable and non-reactive under normal conditions of use.

Reactivity : Incompatible with KMnO<sub>4</sub>, H<sub>2</sub>SO<sub>4</sub>, BrF<sub>3</sub>, BrCl<sub>3</sub>, Chlorinated rubber, linseed oil, magnesium, hydrogen fluoride, zinc chloride, and phosphoric acid.

Hazardous polymerization : Will not occur

**6. HEALTH HAZARD DATA**

Route of Entry – Inhalation	:	Vapors are unlikely due to physical properties. Vapors may cause irritation to respiratory tract.
Route of Entry – Eye	:	May cause moderate irritation with corneal injury.
Route of Entry – Skin	:	Short single exposure is not likely to cause irritation.
Route of Entry - Ingestion	:	Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation, may affect behavior, metabolism and other systems



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Carcinogenicity : The components of this product are not listed by IARC, NTP or PSHA as a carcinogen for hazard communication purposes. No other data available

### 7. FIRST AID PROCEDURES

Ingestion : Give two glasses of water. Call a physician immediately if the symptoms occur. (Never give anything by mouth or attempt to induce vomiting in an unconscious person.)

Skin contact : Wash off in flowing water or shower.

Eye contact : Check and remove contact lenses. Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Inhalation : Remove to fresh air if affects occur. Consult a physician

### 8. ACCIDENTAL RELEASE MEASURES

There is no risk of any accidental release of any ingredient from this product under room temperatures and storage conditions. Keep material away from source of heat/fires. See First aid measures in case of accidental release handling.

### 9. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Should be stored in ventilated cool and dry place, away from heat.  
In case of spillage, sweep up and discard. Use appropriate safety equipment.

Ventilation : Ensure adequate ventilation to maintain exposure levels below standards.

Protective Gloves : Impervious gloves

Other Protective equipment : Ensure an eye bath and safety

shower are always available and ready for use.



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Eye/Face Protection : Safety glasses should be sufficient for most operations, however when there is a distinct possibility of splash, wear chemical goggles

Skin Protection : Wear protective clothing.  
Selection of specific items such as gloved, boots, apron or full body suit will depend on operation.

Respiratory : Use an approved air-purifying respirator.

Ensure an eye bath and safety shower are always available and ready for use.

Treatment based on judgment of the physician in response to reactions of the patient.

**11. TOXICOLOGICAL INFORMATION**

- N.A.

**12. ENVIRONMENTAL INFORMATION**

No effect of water or air at ambient temperatures

Non biodegradable

**13. DISPOSAL MEASURES**

Recover quickly into suitable, dry, sealable containers if re-using. Small quantities may be flushed away with plenty of water. Walking surfaces may remain wet longer due to moisture being held by spilled product – avoid by thoroughly washing surface with water. Avoid entry of large amount of product into sewers, natural waters, and drinking water sources.

**For Disposal (After treatment above)** Observe all local, state and government regulations before you dispose of small quantities to the sewer, or add sludge to landfill.

**14. TRANSPORT MEASURES**

Transport or store in tightly sealed containers. However higher temperatures up to 50°C will not affect the quality and are acceptable.

**Packaging/Labeling**

U.N No : N/A Class : N/A

Sub Risk : N/A Hazchem Code : N/A

Pack Group : N/A EPG No : N/A

Shipping Name : Hydrated Salt



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Hazard : Irritant

Risk Phrases : Irritation to eyes

Safety Phrases: Keep out of reach of children, Avoid contact with skin.

**15. REGULATORY INFORMATION**

**The components of this product are 100% Inorganic nontoxic, non-hazardous materials.**

**16. OTHER INFORMATION**

This edition supersedes any other previous editions of this data sheet.

The information given here is meant as a guide to determining suitability of our products for the stated applications. The products are intended for use in industrial applications. The users should test the materials before use and satisfy themselves with regard to contents and suitability in the desired application. We guarantee that our products will meet our written specifications. Nothing herein shall constitute any other warranty expressed or implied. Recommendation herein may not be construed as freedom to infringe/operate under any third party patents. In the event of a proven claim, our liability is limited only to replacement of our material and in no case shall we be liable for special, incidental or consequential damages arising out of usage of our material.



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