

# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Pitco Frialator

PRODUCT CODE |

ISSUE DATE | 02-18-06

### EMERGENCY TELEPHONE NUMBERS

MANUFACTURER                      Alpha Chemical Serv., Inc.      **Transportation:                      (800) 424-9300 \***  
 STREET ADDRESS                      46 Morton Street                      \* For spill, leak, fire or transport accident emergencies.  
 CITY, STATE, ZIP                      Stoughton, MA 02072                      **Product Information: (617) 344-8688**

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
Sodium Tripolyphosphate	7758-29-4	< 35	None	None	None
Sodium Sulfate	7757-82-6	< 20	None	None	None

## SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes skin and eye irritation. Harmful if swallowed.
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POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	Irritating to mouth, throat and stomach.
<b>INHALATION</b> .....	No vapors, but inhalation of dust would be irritating to respiratory tract.
<b>EYE CONTACT</b> .....	Can cause severe eye irritation.
<b>SKIN CONTACT</b> .....	Prolonged or repeated contact may cause skin irritation.

**SECTION 4 -- FIRST AID MEASURES**

INGESTION	If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
INHALATION	No specific treatment is necessary, since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes. Get medical attention immediately.
SKIN CONTACT	Wash with soap and water. If irritation develops or persists, get medical attention.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

**SECTION 5 -- FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	None	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	If involved in a fire, foam, carbon dioxide, dry chemical or water.		
SPECIAL FIRE FIGHTING PROCEDURES	None		
FIRE AND EXPLOSION HAZARDS	None		

**SECTION 6 -- ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Sweep up and place in a disposal container. Mop up or flush residue to drain with water.
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**SECTION 7 -- HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
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STORAGE PRECAUTIONS	Store in a cool dry place.
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## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene.
ENGINEERING CONTROLS	No special ventilation requirements. Facilities using this product must be equipped with an eyewash station.

### PERSONAL PROTECTIVE EQUIPMENT

	<b>RESPIRATOR</b>	Not necessary
X	<b>GOGGLES / FACE SHIELD</b>	Recommended; goggles should be chemical splash type
X	<b>APRON</b>	Recommended to keep clothing dry during use
X	<b>GLOVES</b>	Required; PVC, Neoprene or Nitrile acceptable
X	<b>BOOTS</b>	Rubber

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White granules	BOILING POINT	Not applicable
ODOR	Bland	FREEZING POINT	Not applicable
pH	10.2 (1% solution)	VAPOR PRESSURE	Not applicable
SPECIFIC GRAVITY	N.A.	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Approx. 25% by weight	EVAPORATION RATE	Not applicable

## SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Contact with mineral acids produces exothermic reaction with release of carbon dioxide gas.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	None					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	Not applicable					

## SECTION 11 -- TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	<b>THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z</b>

**OTHER EFFECTS**

<b>ACUTE</b>	Not determined
<b>CHRONIC</b>	Not determined

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**SECTION 12 -- ECOLOGICAL INFORMATION**

<b>BIODEGRADABILITY</b>	<input type="checkbox"/>	<b>CONSIDERED BIODEGRADABLE</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>NOT BIODEGRADABLE</b>	<input type="checkbox"/>
<b>BOD / COD VALUE</b>	Not established					
<b>ECOTOXICITY</b>	No data available					

**SECTION 13 -- DISPOSAL CONSIDERATIONS**

<b>WASTE DISPOSAL METHOD</b>	Small amounts of unused product may be flushed safely to the sanitary sewer with plenty of water. Contact local water board before flushing large amounts. Large amounts may be disposed of in a sanitary landfill. Contact State and local authorities for additional restrictions.								
<b>RCRA CLASSIFICATION</b>	Non-hazardous								
<b>RECYCLE CONTAINER</b>	<input type="checkbox"/>	<b>YES</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>CODE</b>	2 - HDPE	<input type="checkbox"/>	<b>NO</b>	<input type="checkbox"/>

**SECTION 14 -- TRANSPORT INFORMATION**

<b>DOT CLASSIFICATION</b>	<input type="checkbox"/>	<b>HAZARDOUS</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>NOT HAZARDOUS</b>	<input checked="" type="checkbox"/>
<b>DESCRIPTION</b>	Not applicable					

**SECTION 15 -- REGULATORY INFORMATION**

**REGULATORY STATUS**

<input type="checkbox"/>	<b>EPA REGISTERED (UNDER FIFRA)</b>	
<input type="checkbox"/>	<b>FDA REGULATED</b>	
<input checked="" type="checkbox"/>	<b>KOSHER</b>	
<input type="checkbox"/>	<b>SARA TITLE III MATERIAL</b>	
<input type="checkbox"/>	<b>USDA AUTHORIZED</b>	

**SECTION 16 -- OTHER INFORMATION**

**NFPA CLASSIFICATION**

1	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
0	<b>YELLOW</b>	REACTIVITY
--	<b>WHITE</b>	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Alpha Chemical Services, Inc., in connection with the use of this information.