

SECTION 1 - Product Identification & Use

COMMON NAME:	FirePowder	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0340	Sci-Tech Inc.	
APPLICATION:	Carwash Detergent	#340 53016 Hwy 60	
WHMIS CLASSIFICATION:	D.2A, E	Acheson, AB T7X 5A7	
EMERGENCY CONTACT:	CANUTEC	(780) 960-1200	
EMERGENCY PHONE:	(613) 996-6666		

SECTION 2 - Hazardous Ingredients

HAZARDOUS INGREDIENTS	%	CAS/UN #	LD(50) OF INGREDIENT	LC(50) OF INGREDIENT
sodium tripolyphosphate	30 - 60	7758-29-4	Rabbit (Dermal) 4640 mg/kg	n.av.
Sodium carbonate	15 - 40	497-19-8	Rat (Oral) 4090 mg/kg	n.av.
Alcohol ethoxylate	10 - 30	68991-48-0	Rat (Oral) 2000 mg/kg	n.av.
Sodium metasilicate pentahydrate	3 - 7	10213-79-3	Rat (Oral) 847 mg/kg	Rat 874 ppm 4h

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Powder	Mild; White	25%	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
1.0 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
n.av.	n.av.	13.0 ± 0.5	n.av.

OTHER PERTINENT INFORMATION:

n.av.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY:	FLASHPOINT (°C):	n.av.
This product will not burn or support combustion.	AUTOIGNITION TEMPERATURE (°C):	n.av.
MEANS OF EXTINCTION:	LOWER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
Use media proper for surrounding fire.	UPPER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
SPECIAL PROCEDURES:	EXPLOSION SENSITIVITY TO IMPACT:	n.av.
n.ap.	SENSITIVITY TO STATIC DISCHARGE:	n.av.
HAZARDOUS COMBUSTION PRODUCTS:		
(See Hazardous Decomposition)		

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
Incompatible with acids and strong oxidizing materials.
HAZARDOUS DECOMPOSITION:
May thermally decompose to produce carbon monoxide, carbon dioxide, oxides of sodium, and phosphorous oxides.

SECTION 6 - Toxicological Properties**INHALATION:**

Inhalation of large amounts of dust will result in severe irritation of the respiratory tract.

EYE CONTACT:

May cause persistent eye irritation and possible eye damage.

SKIN CONTACT:

May cause moderate to severe irritation, especially under prolonged or repeated exposure.

INGESTION:

Corrosive. May cause severe pain in the mouth, chest and abdomen leading to cough, vomiting and collapse. Gastric or esophageal perforation may occur and lung irritation or edema may occur as a delayed effect.

SECTION 7 - Preventative Measures

GLOVES: Impermeable gloves required.

FOOTWEAR: Rubber boots required.

RESPIRATOR: Dust mask required.

CLOTHING: Specialty clothing not required.

EYEWEAR: Chemical goggles or safety glasses required.

OTHER: Eye-wash station and shower required.

ENGINEERING CONTROL:

Use with adequate general ventilation.

LEAK AND SPILL PROCEDURE:

For large spill, salvage material and place into container. For minor spills sweep or vacuum discharged material. Residue may be flushed with large amounts of water. This material may also be neutralized by a weak acid.

WASTE DISPOSAL:

Dispose of in a suitable container according to all local, provincial and federal regulations.

HANDLING PROCEDURES AND EQUIPMENT:

Do not ingest. Avoid skin and eye contact.

STORAGE REQUIREMENTS:

Store in a cool, dry place. Keep containers tightly closed when not in use. Prolonged storage may cause this hygroscopic product to become wet and encrusted due to atmospheric moisture. Protect from damage.

TDG CLASSIFICATION:

Corrosive Solid, Basic, Inorganic N.O.S. (Na Metasilicate&Triphosphosphate): Class 8, UN3262, PG III

SECTION 8 - First Aid Procedures**INHALATION:**

Remove victim from exposure and allow fresh air. If discomfort results, seek medical attention.

EYE CONTACT:

In case of contact with eyes, check for and remove contact lenses. Immediately flush with cold running water for at least 15 minutes. Seek medical attention immediately.

SKIN CONTACT:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing and shoes before reuse.

INGESTION:

DO NOT INDUCE VOMITING. If vomiting occurs, lean victim forward to prevent aspiration of the vomitus. Give a cup of water to dilute chemical in stomach. Seek immediate medical attention.

SECTION 9 - Preparation of MSDS**PREPARED BY:**

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

09/27/2010

RELEASED:

01/03/2011

SCI-TECH Inc. believes that all statements, technical information and recommendations contained herein are based on available scientific tests or data which we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. SCI-TECH assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product's label and Material Safety Data Sheet.