Trinic Stage II Powdered Accelerator Safety Data Sheet

Section 1 - Identification

Product Name:	Trinic Stage II Powdered Accelerator
Product Discription:	Concrete Admix
Recommended Use:	Concrete
Restriction on Use:	use only with concrete
Manufacturer Information:	Trinic LLC
Address:	522 Cascade Valley Road Windsor, New York, 13865
Contact Number:	1-800-475-1975 (US Only) / 607-655-1517 (Direct)
Emergency Contact Number:	Chemtrec - 703-741-5500

Section 2 - Hazard(s) Identification

Health:	2
Flammibilty:	1
Reactivity:	0
Personal Protective Equipment:	D
Inhalation:	Exposure to decomposition may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion:	Toxic if swallowed
Skin Contact:	May cause slight irritation
Eye Contact:	May cause slight irritation
Acute Health Hazards:	
Chronic Health Hazards:	Contains material that may cause target organ damage, based on animal data.
Medical Conditions Generally Aggravated By Exposure:	
Carcinogenicity:	Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure.

Section 3 - Composition / Information on Ingredients with Health Hazards

Name	CASnumber	%
sodium nitrate	7631-99-4	10 - 30
sodium thiocyanate	540-72-7	7 - 13
2,2'-(methylimino)diethanol	105-59-9	3 - 7

There are no ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 - First Aid Measures

Inhalation:	Dust may irritate respiratory system. Move away from contaminated areas and consult a physician if breathing difficulties occur. Individuals with known respiratory disease or difficulties should avoid dust.

Ingestion:	No negative effects are known to exist for incidental quantities of clay ingested into the stomach. For suspected large quantities, consult physician for advice.
Skin Contact:	No adverse effects are suspected to exist. Wash contaminated area with water and bath soap (optional).
Eye Contact:	Minor dust quantities may irritate eye tissue. Flush eye(s) thoroughly with water and consult physician if symptoms persist.

Section 5 - Fire Fighting Measures

Flammable Properties:	In a fire or if heated, a pressure increase will occur and the container may burst.
Suitable Extinguishing Media:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extingushing Media:	None known
Precautions for Fire Fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
Specific Hazards Arising From the Chemical	sulfur oxides metal oxide/oxides

Section 6 - Accidental Release Measures

Personal Precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for Containment:	Stop leak, if without risk. Use absorbent material to contain and collect.
Methods for Clean Up:	Dilute wth water and mop up material, or use inert dry material

Section 7 - Handling and Storage

Handling:	Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 - Exposure Controls / Personal Protection

Exposure Limits:Consult local authorities for acceptable exposure limits.

Engineering Controls:	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Skin Protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Eye Protection:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Respiratory Protection:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9 - Physical And Chemical

Appearance:	white powder
Physical State	solid
Odor:	odorless
Odor Threshold:	
pH:	8.5
Melting Point:	
Freezing Point:	
Intial Boiling Point:	
Boiling Range:	
Flash Point:	closed cup >93.3 C
Evaporation Rate:	
Flammablity:	
Upper/Lower Flammability or Explosive Limits:	
Vapor Pressure:	
Vapor Density:	
Relative Density:	
Solubilty(ies):	
Partition Coefficient	
Auto-Ignition Temperature:	
Decomposition Temperature:	
V.O.C. (g/l)	
Viscosity:	

Section 10 - Stability and Reactivity

Reactivity:	stable
Chemical Stability:	stable

Possibility of Hazardous Reactions:

Conditions to Avoid:	Avoid exposure - obtain special instructions before use.
Incompatible Materials:	No secific data
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Likely Routes of Exposure:

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

Delayed and Immediate Effects:

Chronic Effects, Short and Long Term Exposure: Contains material that may cause target organ damage, based on animal data.

Numerical Measures of Acute Toxicity: not available

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Sodium nitrate	-	2A	-	-	-	-

Carginogenic: Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure.

Section 12 - Ecological Information (Non-Manditory)

Ecotoxicity: Information is given Based on Data of the componets and the Toxicology of Similar Products

Persistence and Degradabiltity:

Mobility in Soil:

Bioaccumulative Potential:

Other Adverse Effects:

Section 13 - Disposal Considerations (Non-Manditory)

Waste Disposal	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14 - Transport Information (Non-Manditory)

UN Number:
UN Proper Shipping Name:
Transport Hazard Class:
Packing Group:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Section 15 - Regulatory Information (Non-Manditory)

Section 16 - Other Information, Including Date of Preperation or Last Revision

Preparation Date : 3/28/15
Revision Date : 9/10/15
Revision Summary : SDS Requirements
Disclaimer

The information provided on this SDS is correct to the best of our know ledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text