

@SEC@Section 1. PRODUCT IDENTIFICATION

ALPHA CHEM
1381 Cypress St,
Abrose, GA 31512

Phone Number: 1-912-359-3175
Emergency Number: 1-912-359-3175

PRODUCT NAME: Ready To Use

CHEMICAL DESCRIPTION: Proprietary Industrial Cleaner
CAS NUMBER: Mixture
PREPARATION DATE: 03/08/2005

@SEC@Section 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

Chemical Name	CAS Number	% by Weight	OSHA PEL	ACGIH TLV
Sodium tripolyphosphate	7758-29-4	< 4 %	Not est.	Not est.
Silicic acid, - disodium salt	6834-92-0	< 3 %	2 mg/m3	Not est.

@SEC@Section 3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****

CAUTION! CAN CAUSE SEVERE EYE AND SKIN IRRITATION. DO NOT TAKE INTERNALLY. MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. UPON CONTACT WITH SKIN OR EYES, WASH OFF WITH WATER. KEEP OUT OF REACH OF CHILDREN

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Persons with pre-existing skin disorders may be more susceptible to the effects of this product. Alcohol beverage consumption can enhance the toxic effects of this material.

TARGET ORGANS: Eyes and skin

POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

Can cause severe irritation experienced as pain, with excess blinking and tear production, and seen as marked redness and

swelling of the eye with possible injury to the cornea.

SKIN CONTACT:

May cause irritation. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort. Note that irritation may follow an initial latency (delay between the time that the exposure occurs and when the sense of irritation starts).

INGESTION:

May cause abdominal discomfort, nausea, and diarrhea.

INHALATION:

Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

SUBCHRONIC, CHRONIC:

Repeated long term skin contact may cause persistent irritation or dermatitis.

CARCINOGENICITY:

NTP: Known: No Anticipated: No Rating: Not listed

IARC: Not listed

OSHA: Not listed

@SEC@Section 4. FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with plenty of low-pressure water for at least 15 minutes, lifting the lower and upper eyelids. Remove any contact lenses to ensure thorough flushing. Get medical attention immediately.

SKIN CONTACT:

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing, shoes and socks. Get medical attention if irritation develops or persists. Wash clothing before reuse. Thoroughly clean shoes before reuse.

INGESTION:

If swallowed, DO NOT INDUCE VOMITING. Give 2 to 4 cupfuls of water to dilute. Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION:

Get medical aid immediately. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

@SEC@Section 5. FIRE-FIGHTING MEASURES

FLASH POINT: >212 deg. F

(Pensky Martens Closed Cup Method, ASTM D 93)

FLAMMABLE LIMITS IN AIR % BY VOLUME:

LOWER FLAMMABLE LIMIT: NA UPPER FLAMMABLE LIMIT: NA

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: Water, dry chemical, foam, or carbon dioxide.
Water or foam may cause frothing.

FIRE-FIGHTING INSTRUCTIONS:

Wear a self-contained breathing apparatus in positive-pressure demand and protective clothing. Keep fire-exposed containers cool using water.

FIRE & EXPLOSION HAZARDS:

Product will not support combustion. Under fire conditions, toxic and irritating gases may be emitted.

DECOMPOSITION PRODUCTS:

Combustion by-products include carbon dioxide and carbon monoxide gases.

NFPA RATINGS:

Health = 1 Flammability = 0 Reactivity = 0 Special Hazard =

Hazard rating scale:

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

@SEC@Section 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Shut off all sources of ignition. Evacuate and ventilate the spill area. Avoid eye and skin contact. Contain the spill. Prevent liquid from entering sewers. Soak up liquid with an inert material (vermiculite, dry sand, earth) and shovel into waste containers. Remove containers from the work area. Comply with Federal, State, and local regulations on waste disposal.

@SEC@Section 7. HANDLING AND STORAGE

HANDLING:

Shut off any sources of ignition. Wash thoroughly after handling. Use with adequate ventilation. Ground and bond containers when transferring material. Use appropriate personal protective equipment to prevent eye and skin contact. Avoid breathing vapors or mist and ingestion. Avoid repeated or prolonged contact.

STORAGE:

Keep containers tightly closed when not in use. Store in a cool, well-ventilated area away from sources of heat, ignition, and direct sunlight. Store away from incompatible substances such as strong acids. Protect against physical damage. All equipment should be properly grounded. Keep out of reach of children.

@SEC@Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INCOMPATIBILITY: Avoid strong oxidizers, strong acids.
DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide gases may form.
HAZARDOUS POLYMERIZATION: Will not occur.

@SEC@Section 11. TOXICOLOGICAL INFORMATION

ON PRODUCT: No information on the formulated product
ON INGREDIENTS:

Chemical Name	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
Sodium tripolyphosphate	6500 mg/kg	No data	0.39 mg/L 4H
Silicic acid-disodium salt	800 mg/kg	250 mg/kg	No data

Sodium tripolyphosphate: This material is mildly irritating to the eyes and non-irritating to the skin.
Silicic acid, disodium salt: No teratogenic, reproductive, or mutagenic effects expected.

@SEC@Section 12. ECOLOGICAL INFORMATION

ON PRODUCT: Biodegradable,
ON INGREDIENTS:

Chemical Name	Aquatic Toxicity Data
Sodium tripolyphosphate	>100 mg/L LC50 (96H) Rainbow trout
Silicic acid-disodium salt	500 mg/L LC50 (96H) Mosquito fish

@SEC@Section 13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261.33 STATUS: Hazardous waste code: None

DISPOSAL METHOD:

Whatever cannot be saved for recovery or recycling should be discarded. This product is not a RCRA hazardous waste.

CONTAINER DISPOSAL:

Containers may be discarded in accordance with local, State, and Federal regulations.

@SEC@Section 14. TRANSPORT INFORMATION

DOT CLASSIFICATION:

Class/Division: Not applicable
Proper Shipping Name: Not restricted

Label: None
Packing Group: Not applicable
ID Number: Not applicable

Section 15. REGULATORY INFORMATION

TSCA: The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA reportable quantity of EPA hazardous substances in product:

Chemical Name	RQ
Sodium tripolyphosphate	5000 lbs.

SARA TITLE III (EPCRA):

Section 302 and 304 Extremely Hazardous Substances:

Chemical Name	CAS #	RQ
There are no SARA 302 Extremely Hazardous Substances in the product.		

Section 311 and 312 Health and Physical Hazards:

Immediate	Delayed	Fire	Pressure	Reactivity
Yes	Yes	No	No	No

Section 313 Toxic Chemicals:

Chemical Name	CAS #	% by Weight
There are no SARA 313 Toxic Chemicals in the product.		

CLEAN AIR ACT:

Title III: Hazardous Air Pollutants:

Chemical Name	CAS#	HAP
There are no Hazardous Air Pollutants in this product.		

Title VI: Stratospheric Ozone Protection:

This product does not contain any ozone depleting chemicals.

Section 16. OTHER INFORMATION

HMS RATINGS: Health = 1 Flammability = 0 Reactivity = 0
Personal Protective Equipment = X

Hazard rating scale:

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe
X = Consult your supervisor or S.O.P. for special handling directions.

USERS RESPONSIBILITY/DISCLAIMER OF LIABILITY:

This MSDS cannot cover all the possible situations which the user may experience during processing. Each aspect of your operation should be examined if, or where, additional precautions may be necessary. Individuals handling this product should be informed of the recommended safety precautions and have access to this information as part of an ongoing chemical hygiene and safety program.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate but all statements or suggestions are made with out warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use or the material or the results to be obtained from the use thereof. Compliance with all applicable Federal, State, and local laws and regulations remains the responsibility of the user that may pertinent in the handling, storage, application, and disposal of this product.

This MSDS meets the requirements specified in 29 CFR 1910.1200.

MSDS REVISION SUMMARY: