

Section 1. Chemical Product and Company Identification

Flo-Kem	Name: Truck and Bus Wash 2228	Emergency Telephone #:
19402 Susana Road	Identity: Truck and Bus Wash	CHEMTEL (800)-255-3924
Rancho Dominguez, CA 90221	Product Code: 2228	

Section 2. Hazards Identification

Classification: **Physical:** NA
 Health: Corrosive
 Environmental: NA

Acute: Eyes: Corrosive. May cause severe damage.
Skin: May cause severe irritation, redness, pain and burns.
Ingestion: Harmful if swallowed. Can cause severe burns to lining of throat and stomach.
Inhalation: Breathing dust may cause mild nose and throat irritation.
Chronic: None known.

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

Section 3. Composition, Information on Ingredients

Hazardous Component > 1%:	CAS Number:	% By Weight:
Sodium Tripolyphosphate	7758-29-4	10-15
Sodium Dodecylbenzene Sulfonate	25155-30-0	5-10
Sodium Carbonate	497-19-8	50-55
Sodium Metasilicate	6834-29-0	5-10
Trisodium Phosphate	10101-89-0	5-10

Section 4. First Aid Measures

Have product container or label with you when calling a poison control center, doctor, or going for treatment.

Eyes: Immediately flush eyes with large amounts of water for 15 minutes. Hold eyelids apart during the flushing to ensure thorough rinsing. Obtain medical attention.

Skin: Immediately flush all affected areas with large amount of running water for at least 15 minutes. Remove and discard contaminated clothing and shoes. Get medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, then give one to two glasses of water if victim is conscious. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Section 5. Fire Fighting Measures

Extinguishing Media: Water fog, foam, carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and impervious protective clothing.

Specific Hazards Arising from the Chemical: Product is non-combustible. Reacts with acid to release carbon dioxide gas and heat with ammonium salts: releasing ammonia gas.

Section 6. Accidental Release Measures

Small Spills: Vacuum or sweep up material and place into a suitable disposal container. Properly label container.

Large Spills: Same as for small spill. Prevent from contacting vegetation or waterways. Toxic to fish.

Section 7. Handling and Storage

Handling and Storage: Store in a cool, dry area. Keep container tightly closed and properly labeled.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

Section 8. Exposure Control / Personal Protection

Component:	CAS Number:	PEL:	TLV:	IDLH:
Sodium Tripolyphosphate	7758-29-4	15 mg/M ³	10 mg/M ³	
Sodium Dodecylbenzene Sulfonate	25155-30-0	NE mg/M ³	NE mg/M ³	
Sodium Carbonate	497-19-8	15 mg/M ³	10 mg/M ³	
Sodium Metasilicate	6834-29-0	NE mg/M ³	NE mg/M ³	
Trisodium Phosphate	10101-89-0	NE mg/M ³	NE mg/M ³	

Respiratory Protection: Not normally indicated when used as directed. Use NIOSH approved respirator if significant dust is generated. Recommended if experiencing respiratory irritation.

Ventilation: No special measures required.

Mechanical/Engineering (General): Recommended if generating mist, vapors or dust.

Protective Gloves: Impervious; rubber, vinyl or PVC.

Eye Protection: Safety glasses with side shields.

Protective Clothing: Chemical resistant clothing - Long pants, sleeves, apron, boots.

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

Section 9. Physical and Chemical Properties

Appearance and Odor: Light pink granular powder, odorless.

pH: 1% soln=12 ± 0.5	Boiling Point: NA	Specific Gravity: NA	Melting/Freezing Point: ND
Solubility: Complete	Vapor Pressure (mm Hg.): NA	Vapor Density (Air = 1): NA	Evaporation Rate (H2O = 1): NA
Flash Point (TCC): NA	% LEL: NA	% UEL: NA	Flammable Limits: NA
			VOCgm/L: 0

Section 10. Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Reacts with acids with release of carbon dioxide gas and heat.

Hazardous Decomposition Byproducts: Heated to decomposition emits fumes of sodium oxide.

Conditions to Avoid: None

Section 11. Toxicological Information

Carcinogenicity: **NTP** No **IARC** No **OSHA** No

Component:	LD50 Oral:	LC50 Inhalation:	LD50 Dermal:
Sodium Carbonate	4090 mg/kg - rat	2.3 mg/L 2H - rat	No data available.
Sodium Metasilicate Pentahydrate	1500-3200 mg/kg - rat	No data available.	No data available.
Trisodium Phosphate	4150 mg/kg - rat	No data available.	>7940 mg/kg - rabbit
Sodium Dodecylbenzene Sulfonate	>1000 mg/kg - rat	No data available.	No data available.
Sodium Tripolyphosphate	5400 mg/kg - rat	>0.39 mg/L 4H -	>7940 mg/kg - rabbit

Other Toxicological Data

Sodium Carbonate	No data available.
Sodium Metasilicate Pentahydrate	No data available.
Trisodium Phosphate	No data available.
Sodium Dodecylbenzene Sulfonate	No data available.
Sodium Tripolyphosphate	No data available.

Section 12. Ecological Information

Environmental toxicity:

Component:	Toxicity to fish:	Toxicity to aquatic invertebrates:	Toxicity to aquatic plants and micro-organisms:
Sodium Carbonate	LC50 300-320 mg/L 96H bluegill sunfish	LC50 265-565 mg/L 96H daphnia magna	No data available.
Sodium Metasilicate Pentahydrate	LC50 2320 ppm 96H gambusia affinis	No data available.	No data available.
Trisodium Phosphate	LC50 220 mg/L 96H bluegill sunfish	EC50 177 mg/L 50H daphnia magna	No data available.
Sodium Dodecylbenzene Sulfonate	No data available.	No data available.	No data available.
Sodium Tripolyphosphate	LC50 > 100 mg/L 48H rainbow trout	LC50 > 100 mg/L 96H daphnia magna	No data available.

Other Ecological Data

Sodium Carbonate	No data available.
Sodium Metasilicate Pentahydrate	No data available.
Trisodium Phosphate	Material is inorganic and not subject to biodegradation.
Sodium Dodecylbenzene Sulfonate	Aquatic toxicity LC50 >1-10 mg/kg.
Sodium Tripolyphosphate	No data available.

Section 13. Disposal Considerations

Disposal: Dispose in accordance with Federal, State, and Local Requirements.

Section 14. Transportation Information

DOT Not Regulated

Reportable Quantity: Not as packaged.

Section 15. Regulatory Information

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Acute Hazard:	Yes	Pressure Hazard:	No		
Chronic Health:	No	Reactive Hazard:	No	Fire Hazard:	No

SARA 313: No

CERCLA Hazardous Substances:

Trisodium Phosphate

State Regulations:

California: This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Cocamide DEA

Section 16. Other Information

This document is generated for the purpose of distributing health, safety, and environmental data. The information and recommendations are presented in good faith and believed to be from reliable sources, however, the information is provided without any warranty, expressed or implied, regarding its completeness or accuracy. Some information is from sources other than direct test data on the material itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and for this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of the product.

ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 632-7124

NA = Not Applicable

NE= Not Established

ND= Not Determined

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