

Supplied By:



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Material Safety Data Sheet

**EMERGENCY PHONE:
1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: APEX
Product Number: L301
Product Use: Powdered laundry detergent
DOT Shipping Name: None required

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

	CAS No.	ACGIH TLV
Sodium Carbonate	497-19-18	N.A.
Nonylphenoxypolyethoxyethanol	9016-45-9	N.A.

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988

Section 3: Physical Data

Color: White
Odor: Mild
Physical State: Powder
Boiling Point: N.A.
Vapor Pressure: N.A.
Evaporation Rate: N.A.
Specific Gravity: N.A.
Vapor Density in Air (Air=1): N.A.
% Volatile by Volume: None
Solubility in water: Complete

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): None
Conditions to Avoid: N.A.
Extinguishing Media: N.A.
Unusual Fire and Explosion Hazards: Firefighters should wear self-contained positive breathing apparatus, and avoid skin contact.

Section 5: Reactivity Data

Chemical Stability: Stable
Conditions to Avoid: Do not Freeze
Incompatibility (Materials to avoid): May react vigorously, when neutralized with concentrated acids. Keep away from aluminum powder, fluorine, phosphorous pentoxide, concentrated sulfuric acid ammoniacal Silver nitrate and molten lithium, phosphorus, potassium persulfate and tetrahydrofuran.
Hazardous Decomposition Products: Carbon Dioxide
Hazardous Polymerization: Will not occur

Section 6: Toxicological Properties

Exposure Limits: Sodium Carbonate Nuisance Particles
PEL TWA 8hr 5mg/m3 OSHA
TLV TWA 8 hr 10mg/m3 ACGIH
Medical Conditions Aggravated by Exposure: Eye and skin diseases and breathing or respiratory disorders will be aggravated by exposure to this product.

EFFECTS OF OVEREXPOSURE (Acute &/or Chronic):

Eyes: Particles in the eye may cause severe irritation and damage to the tissue.
Skin: Prolonged skin contact may have a dehydrating effect and cause allergic reactions for some people. Repeated contact may cause redness & dry cracked skin. Minor irritation may occur on abraded skin.
Ingestion: Swallowing may cause immediate irritation and possible damage to tissue of mouth and gastrointestinal tract. Ingestion of large quantities may cause vomiting, diarrhea, circulatory collapse and death.
Inhalation: Inhalation of dust may cause nasal irritation and sneezing.

Section 7: Chronic Toxicity

Chronic skin contact may cause sensitization.
This product does not contain any materials listed on IARC, OSHA, or NPT carcinogen lists.

Section 8: Precautionary Information

May cause eye irritation. May cause skin irritation upon prolonged or repeated contact. Ingestion may cause irritation of the mouth, throat, esophagus and stomach.

Section 9: Preventative & Control Measures

Respiratory Protection: Generally not required
Ventilation: General exhaust acceptable.
Skin Protection: Wear neoprene, PVC or rubber gloves.
Eye Protection: Wear safety glasses or splashproof chemical goggles.
Hygiene: Avoid contact with skin. Do not eat drink, or smoke in work area. Wash hands prior to eating, drinking or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.
Other Control Measures: Safety shower and eye wash should be located in work area.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:
Product should be contained and recovered into containers. Clean up personnel should follow all safety precautions during clean up.
Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

Section 10: Storage and Handling Precautions

KEEP FROM FREEZING
Store in closed properly labeled containers. DO NOT remove or deface labels. Use of this product should be limited to properly trained individuals.

Section 11: Emergency First Aid Procedures

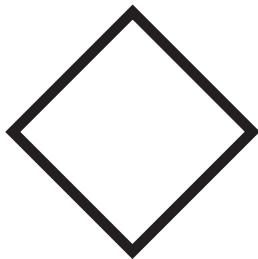
First Aid Notes to Physician:

Eyes: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention if irritation persists.
Skin: Wash off with soap and water.
Ingestion: If person is conscious, give large amounts of water to dilute product. DO NOT induce vomiting. If vomiting occurs keep head below hip to prevent aspirations. Get medical attention immediately
Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

Section 12: Preparation Information

Prepared By: Regulatory Affairs Department
Phone: 812-336-4817
Date of Preparation: July, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.



Apex

Technical Data Sheet

*Powdered
Laundry
Detergent*

Product Description

Apex is a powdered laundry detergent designed for institutional use. It contains nonionic surfactants to effectively remove oil, grease and protein soils.

Use Directions

Please consult your LabTek representative for specific use directions based on your laundry's requirements.

General use recommendation is 1/4-1/2 cup per load.

****Do NOT reuse empty container****

Areas of Use

For institutional laundries only.

Safety Precautions

Caution! May cause eye and skin irritation. May react vigorously when mixed with acids. Keep away from sulfuric acid, fluorine, and phosphorus pentoxide. Read label and MSDS for complete list of hazards and safety precautions. Keep out of the reach of children.

Shipping Classification

None Required

Packaging

50 lb. Fiber Drum

Properties

FORM: White powder with mild odor
SOLUBILITY: Complete
PRIMARY HAZARD: Severe eye irritation
COMPOSITION: Sodium carbonate, nonionic surfactants.

*Institutional
Strength*

*Effectively
Removes
Soil
and
Grease*