

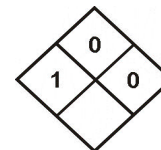
MATERIAL SAFETY DATA SHEET

PRODUCT Steva



NFPA HAZARD RATINGS*

Health	1	Slight health hazard
Fire	0	Noncombustible
Reactivity	0	Nonreactive



SECTION 1: PRODUCT INFORMATION

Manufacturer: ADCO, Inc., 900 W. Main, Sedalia, MO 65301 (660) 826-3300
 EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)
 Intended Product Use: Powdered laundry detergent
 Synonyms: _____

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Sodium perborate tetrahydrate		7632-04-4	5 mg/m ³ TWA (dust)	oral: 1200 mg/kg (rat)

SECTION 3: PHYSICAL DATA

Appearance: White powder
 Odor: N/A
 Specific Gravity (20° C): N/A
 pH: N/A
 Boiling Point: N/A
 Solubility in Water: Soluble
 Vapor Pressure (mm Hg): N/A
 Vapor Density: N/A

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): N/A
 Extinguishing Media: Will not burn or support combustion.
 Special Fire Fighting Procedures: None
 Unusual Fire and Explosion Hazards: None
 Upper Flammable Limit: N/A
 Lower Flammable Limit: N/A

SECTION 5: REACTIVITY DATA

Stability: Stable
 Conditions to Avoid: Storage at temperatures above 100°F
 Incompatibility (materials to avoid): Strong acids
 Hazardous Decomposition Products: Oxides of carbon
 Hazardous Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Very low
 Effects of Overexposure:
 Acute: Irritation to mucous membranes, eyes and gastric mucosa
 Chronic: None known
 Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

*Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

EXPOSURE LIMITS 5 mg/m ³ TWA (sodium perborate)	IRRITANCY OF PRODUCT Moderate eye and skin	SENSITIZATION TO PRODUCT None known	CARCINOGENICITY No components are listed by ACGIH, IARC, or OSHA
TERATOGENICITY No effects reported	REPRODUCTIVE TOXICITY No effects reported	MUTAGENICITY None reported	SYNERGISTIC PRODUCTS None reported

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required when used as directed with adequate ventilation.

Ventilation: Normal industrial ventilation is adequate.

Protective Gloves: Ordinarily not needed. Use neoprene, PVC or nitrile gloves when contact is prolonged or frequent.

Eye Protection: Use goggles or face mask if splashing is likely. Eyewash station is recommended.

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING: Store in cool, dry place.

SPILL OR LEAK PROCEDURES: Sweep up spills taking care not to produce dust. Residual material may be diluted with water.

WASTE DISPOSAL METHOD: Dispose of dry material in a non-hazardous waste receptacle. Diluted material may be flushed to sewer.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Do NOT get into eyes. Avoid contact with skin. Avoid breathing dust. Harmful if swallowed.

FIRST AID:

Flush eyes for 15 minutes with water. Wash off of skin with soap and water. If swallowed, drink large quantities of water or milk. DO NOT INDUCE VOMITING. If dusts are inhaled and irritation occurs, leave area and do not return until dust has settled. If symptoms persist, seek medical assistance.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: If dusts are raised and irritation occurs, leave area and do not return until dust has settled. If irritation persists, see a physician.

Eyes: Flush eyes for 15 minutes with water.

Skin: Wash off of skin with soap and water. Wash contaminated clothing.

Ingestion: Drink large quantities of water or milk. DO NOT INDUCE VOMITING. See a physician immediately.

IF SYMPTOMS PERSIST, SEEK MEDICAL ASSISTANCE

SECTION 9: SARA TITLE III

NOTE: This product does not contain any components which are under the reporting requirements of SARA Title III, Section 313.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

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Julie D. Jones

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