

Material Safety Data Sheet



Zep, Inc.
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Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
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Section 1. Chemical Product and Company Identification

Product name BESTUFF CREAM
Product use Cleaner.
Product code 1066
Date of issue 01/14/10 **Supersedes** 05/30/08

Emergency Telephone Numbers

For MSDS Information:

Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency

CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

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Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

CAUTION !



CAUSES EYE AND SKIN IRRITATION.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact.

Eyes

Causes eye irritation. Liquid in eye may cause irritation with possible damage if not rinsed immediately. Inflammation of the eye is characterized by redness, watering and itching.

Skin

Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation

No known acute effects of this product resulting from inhalation.

Ingestion

May be harmful if swallowed. Can cause gastrointestinal disturbances.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, lungs, liver, reproductive system.

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

None.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

SODIUM TRIPOLYPHOSPHATE	7758-29-4	1 - 5
MONOETHANOLAMINE; 2-aminoethanol; MEA	141-43-5	1 - 5
PINE OIL	8002-09-3	1 - 5
SODIUM BORATE; sodium tetraborate decahydrate, Borax	1303-96-4	1 - 5

Section 4. First Aid Measures

Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact

Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation

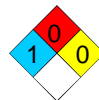
Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	None.
Flammable Limits	Not applicable
Flammability	Non-combustible.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up	Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not ingest. Do not reuse container. Wash thoroughly after handling.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

SODIUM TRIPOLYPHOSPHATE

MONOETHANOLAMINE; 2-aminoethanol; MEA

SODIUM BORATE; sodium tetraborate decahydrate, Borax

Exposure limits**ACGIH TLV / OSHA PEL (United States).**TWA: 5 mg/m³ 8 hour(s).**OSHA PEL / ACGIH TLV (United States).**

TWA: 3 ppm 8 hour(s).

OSHA / ACGIH (United States).

STEL: 6 ppm 15 minute(s).

ACGIH TLV (United States).: 5 mg/m³**OSHA PEL (United States).**: 10 mg/m³ Form: Total dust**Personal Protective Equipment (PPE)**

Eyes	Safety glasses.
Body	For prolonged or repeated handling, use gloves. Recommended: Rubber gloves.
Respiratory	Use with adequate ventilation.

**Section 9. Physical and Chemical Properties**

Physical State	Viscous liquid.	Color	Opaque. Green. [Light]
pH	9.5-10.5	Odor	Pine.
Boiling Point	100°C (212°F)	Vapor Pressure	Not determined.
Specific Gravity	1.22	Vapor Density	Not determined.
Solubility	Insoluble in the following materials: cold water and hot water.	Evaporation Rate	<1 (Water = 1)
		VOC (Consumer)	3.46% 0.35 (lb/gal) 42 (g/l)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive or incompatible with the following materials: oxidizing materials and acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides, sulfur oxides (SO ₂ , SO ₃ etc.)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
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Sodium Tripolyphosphate	LD50 Dermal	Rabbit	>7940 mg/kg	-
	LD50 Oral	Rat	5400 mg/kg	-
Monoethanolamine	LD50 Dermal	Rabbit	>1000 mg/kg	-
	LD50 Oral	Rat	1720 mg/kg	-
Pine Oil	LD50 Dermal	Rabbit	3000 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-
Sodium Borate	LD50 Dermal	Rabbit	>10000 mg/kg	-
	LD50 Oral	Rat	4500 mg/kg	-

Section 12. Ecological Information

Environmental Effects Not available.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	Not a DOT controlled material (United States).			

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information

U.S. Federal Regulations

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

[All Components of this product are listed or exempt from listing on TSCA Inventory.](#)

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.