

BORAX Hand Soap

Version Number: 1

Preparation date: 2005-11-02

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	BORAX Hand Soap
MSDS #:	MS0600142
Product code:	U23047
Recommended use:	Skin Care.
Manufacturer, importer, supplier: Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com	
Emergency telephone number:	1-888-660-6737

2. HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW

- CAUTION
- MAY CAUSE EYE IRRITATION

Principle routes of exposure:	• Eyes • Skin • Inhalation
Eye contact:	• Moderately irritating to the eyes
Skin contact:	• May be mildly irritating to skin
Inhalation:	• May be irritating to nose, throat, and respiratory tract
Ingestion:	• May be irritating to mouth, throat and stomach

3. COMPOSITION/INFORMATION ON INGREDIENTS
HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %
Sodium tetraborate	1303-96-4	30 - 50%
Sodium aluminum silicate	1344-00-9	0.1 - 1.5%

HAZARDOUS COMPONENTS

Ingredient(s)	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium tetraborate	2660 mg/kg (rat)	Not available	Not available
Sodium aluminum silicate	27 g/kg (rat)	Not available	Not available

4. FIRST AID MEASURES

Eye contact:	• Flush immediately with plenty of water • If irritation persists, get medical attention
Skin contact:	• Flush immediately with plenty of water • Get medical attention if irritation occurs
Inhalation:	• If breathing is affected, remove to fresh air • Get medical attention
Ingestion:	• Immediately drink one cupful of water or milk • Never give anything by mouth to an unconscious person • Get medical attention
Aggravated Medical Conditions:	• Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	- The product is not flammable - Extinguish fire using agent suitable for surrounding fire
Specific hazards:	Not applicable
Unusual hazards:	None known
Specific methods:	No special methods required
Special protective equipment for firefighters:	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons:	
No information available	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Contaminated surfaces will be extremely slippery
Environmental precautions and clean-up methods:	- Clean-up methods - large spillage - Prevent product from entering drains - Soak up with inert absorbent material - Sweep up and shovel into suitable containers for disposal - Use a water rinse for final clean-up

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.	
Storage:	- Keep tightly closed in a dry, cool and well-ventilated place - Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	
- No special ventilation requirements - General room ventilation is adequate	
Personal Protective Equipment	
Eye protection:	No special requirements under normal use conditions
Hand protection:	No special requirements under normal use conditions
Skin and body protection:	- No special requirements under normal use conditions - If major exposure is possible, wear suitable protective clothing and footwear
Respiratory protection:	No special requirements under normal use conditions
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment

None Required

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Sodium tetraborate	1303-96-4	6 mg/m ³ (STEL) 2 mg/m ³ (TWA)		5 mg/m ³ (TWA)
Sodium aluminum silicate	1344-00-9	2 mg/m ³ (TWA)		2 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder	Appearance:	Powder
Color:	Pink	Odor:	Floral
Specific gravity:	0.616	pH:	9.25 (1% solution)
Dilution pH:	No information available.	Density:	No information available.
Bulk density:	0.616 g/ml	Vapor density:	No information available
Evaporation rate:	No information available	Solubility:	Soluble

VOC:	0	Viscosity:	No information available
Solubility in other solvents:			No information available
Partition coefficient (n-octanol/water):			No information available
Boiling point/range:			Not determined
Melting point/range:			Not determined
Flash point:			>200 (°F) >93.3 (°C)
Decomposition temperature:			Not determined
Autoignition temperature:			No information available

10. STABILITY AND REACTIVITY

Stability:	• The product is stable
Polymerization:	• Hazardous polymerisation does not occur.
Hazardous decomposition products:	• None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information:	• See Section 3
Chronic toxicity:	• None known
Specific effects	
Carcinogenic effects:	• None known
Mutagenic effects:	• None known
Reproductive toxicity:	• None known
Target organ effects:	• None known

12. ECOLOGICAL INFORMATION

Environmental Information:	• When used for its intended purpose this product should not cause adverse effects in the environment
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	• Dispose of according to all federal, state and local applicable regulations
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14. TRANSPORT INFORMATION

DOT/TDG:	• Please refer to the Bill of Lading/receiving documents for up to date shipping information
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15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

Canada

WHMIS hazard class: Not for sale in Canada.

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Fatty acids, coco, sodium salts	61789-31-9	-	-	-	-	-	-
Sodium tallowate	8052-48-0	-	-	-	-	-	-
Sodium tetraborate	1303-96-4	Listed	Listed	Listed	Listed	Listed	-
Urea	57-13-6	-	-	-	-	-	-
Sodium aluminum silicate	1344-00-9	-	-	Listed	-	Listed	-
Sodium tripolyphosphate	7758-29-4	Listed	Listed	Listed	-	-	Listed

CERCLA / SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium tripolyphosphate	7758-29-4	5 - 10%	5000		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

16. OTHER INFORMATION

10. OTHER INFORMATION						
HMIS	Health	2	Fire Hazard	0	Reactivity	0
NFPA	Health:	2	Flammability:	0	Instability:	0
Reason for revision:		Not applicable				
Prepared by:		NAPRAC				
Additional advice:		None				
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