

ACP-320 – Royal Borax Based Hand Soap Powder

Date: 9/11/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Royal Borax Based Hand Soap Powder

Other Means of Identification

Product Code ACP-320

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hand washing

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product

Signal Word None

Hazard Statements The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: White powder

Physical State: Solid

Odor: Slight Lemon Fragrance

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium tetraborate decahydrate	1303-96-4	50-60
Silica, crystalline	14808-60-7	20-30
Fatty acids, vegetable-oil, sodium salts	68082-64-4	10 - 20
Sodium chloride	7647-14-5	1-5

The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 190.1200(i).

4. FIRST AID MEASURES

First Aid Measures

Inhalation	If symptoms such as nose or throat irritation are observed. Remove to fresh air.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If irritation persists for more than 30 minutes, consult a physician.
Ingestion	Swallowing small quantities will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water to drink. Seek medical advice.
Skin Contact	No treatment necessary.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause permanent damage to eyes if not immediately irrigated. Obtain immediate medical attention.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Support care only is required for adult ingestion of less than a few grams of the product. For ingestion of larger amounts maintain fluid and electrolyte balance and maintain adequate kidney function. Gastric lavage is only recommended for heavily exposed, symptomatic patients in whom emesis has not emptied the stomach.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Compatible with all standard firefighting techniques.

Unsuitable Extinguishing Media None.

Specific Hazards Arising from the Chemical

This chemical is not flammable, combustible or explosive.

Hazardous Combustion Products	This product is not combustible.
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Protective Equipment and Precautions for Firefighters

This product is a flame retardant.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	An approved dust mask should be worn if dust is generated during handling.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Avoid spillage into water and cover drains.
Methods for Cleaning Up	Vacuum, shovel or sweep up and place in containers for disposal in accordance with applicable local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Avoid generation of dust.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a cool, dry, and well-ventilated place. In case of high humidity or storage for extended periods of time, use plastic bags to enclose product containers to avoid caking. Store locked up.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium tetraborate decahydrate 1303-96-4	TWA: 2 mg/m ³ 8 h OEL 6 mg/m ³ 15 min	15 mg/m ³ (total dust) 5 mg.m ³ (respirable dust)	

Based on TLV for borates

Appropriate Engineering Controls

Engineering Controls Use local exhaust to keep airborne concentrations of dust below permissible exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Avoid contact with eyes. Wear safety glasses with side shields

Skin and Body Protection No protective equipment is needed under normal use conditions.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls Avoid generation of dust. Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Solid	Odor	Lemon
Appearance	White powder	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not applicable inorganic substance	

Evaporation Rate	Not applicable non-volatile	
Flammability (Solid, Gas)	Not flammable	Used as a fire retardant
Upper Flammability Limits	Not flammable	
Lower Flammability Limit	Not flammable	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	Not applicable	
Water Solubility	Completely soluble	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Auto ignition Temperature	Not applicable not self-heating	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not explosive	
Oxidizing Properties	Not oxidizing	
VOC Content (%)	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation	May cause irritation.
Eye Contact	Can cause severe eye damage if not immediately irrigated.
Skin Contact	Not absorbed through intact skin.
Ingestion	Not intended for ingestion. May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium tetraborate decahydrate 1303-96-4	= 5150 - 6000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>2.03 mg/l

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause damage to eyes if immediately not irrigated. May cause gastric distress if swallowed in large quantities. Obtain immediate medical attention.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Based on the acute data for freshwater species, this substance is not classified as hazardous to the environment.

Persistence and Degradability

This product is an inorganic substance

Bioaccumulation

Inorganic. No potential for bioaccumulation.

Mobility

Product is soluble in water and is leachable through normal soil. Adsorption to soil or sediments is insignificant.

Other Adverse Effects

None

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not Regulated

IATA Not Regulated

IMDG Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
DSL	Canadian Domestic Substances List	Yes
NDSL	Non-Domestic Substances List	No
EINECS	European Inventory of Existing Chemical Substances	Yes
ELINCS	European List of Notified Chemical Substances	No
ENCS	Japan Existing and New Chemical Substances	Yes

IECSC	China Inventory of Existing Chemical Substances	Yes
KECL	Korean Existing and Evaluated Chemical Substances	Yes
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Yes
New Zealand	New Zealand Inventory	Yes

US Federal Regulations

SARA 313 / CERCLA / SARA 302 EHS

Not regulated.

US State Regulations

No proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Not listed under this statute.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet