DR. BRONNER'S ALL-ONE!®

SAFETY DATA SHEET

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Safety Data Sheet (SDS)

This SDS is intended to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200 (revised in 2012), specifically 29 CFR §1910.1200 Appendix D – Minimum Information for Safety Data Sheets (Mandatory). This revised OSHA standard incorporates guidance from the United Nations – Globally Harmonized System (GHS) of classification and labeling of chemicals. The user is directed to rely on this OSHA standard, related regulations and briefs which must be consulted for specific requirements regarding the sound management of chemicals. This SDS attempts to provide information on chemical hazards and communicate them to workers, consumers, emergency responders and the public. It is important to know what compounds are present or have been used in this product, the hazard (if any) each might represent to human health, the environment; plus have and understand the means to control them.

Section 1: Identification

This section identifies the chemical on the SDS as well as the recommended uses. It also provides the essential contact information of the supplier.

Product Identifier (used on the label): CITRUS ORANGE PURE CASTILE BAR SOAP	Other Means of Identification (if any): N/A
Chemical Manufacturer, Importer, or Other Responsible Party: DR. BRONNER'S MAGIC "ALL-ONE!"	Recommended use of the Product: Detergent
Address: 1335 Park Center Dr., Vista, CA 92081	Restrictions on use of the Product: For external use only.
Telephone Number (for Information): (760) 743-2211	Emergency Phone Number: Tel*Chem. (800) 255 3924 - Outside USA (813) 248 0573

Section 2: Hazard(s) Identification

This section identifies the hazards of the chemical presented on the SDS and the appropriate warning information associated with those hazards.

GHS Classification: Non-Classified	Hazard Statement(s): Non-Classified
Symbol(s): N/A	
Signal Word: No Signal word	Precautionary Statement(s): N/A

Describe any hazards not otherwise classified which have been identified during the classification process:
N/A

Ingredients of unknown toxicity were <u>not</u> used in this product. If any were and testing of the mixture as a whole has not been performed - the following % of ingredients are of unknown acute toxicity:
No data available

Section 3: Composition / Information on Ingredients

This section identifies the ingredient(s) contained in the product indicated on the SDS, including impurities and stabilizing additives. This section includes information on substances, mixtures, and all chemicals where a trade secret is claimed.

Chemical Name: None	Common Name and Synonyms: Bar soap
CAS number and other unique identifiers: None	Other Means of Identification / Unique Identifiers (if any – i.e. part number, etc.): None

Impurities and stabilizing additives which are themselves classified and which contribute to the classification of this product: No data available

<u>Ingredients:</u>	<u>CAS Number:</u>	<u>Percentage:</u>
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A		

Are any of the ingredients listed here above their cut-off / concentration limits: **Yes** ☐ **No** ☒	Do any of these ingredients present a health risk below their cut-off / concentration limits: **Yes** ☐ **No** ☒	Has a "Trade Secret" claim been made? **Yes** ☒ **No** ☐

Section 4: First-aid Measures

This section describes the initial care which should be given by untrained responders to an individual who has been exposed to the chemical.

Necessary first-aid instructions by route of exposure:

	Description of the most important symptoms or effects, and any symptoms which are acute (immediate) or delayed:	Recommendations for immediate medical care and special treatment needed, when necessary:
Inhalation	None expected, however, certain individuals may be sensitized and experience minor nausea or headaches.	Remove affected person to fresh air; if symptoms persist seek medical attention
Skin Contact	None expected, however, prolonged contact may cause irritation.	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
Eye Contact	May cause irritation	Flush with water for 15 minutes. If irritation occurs seek medical attention.
Ingestion	May cause gastric distress, vomiting and diarrhea.	Give two glasses of water for dilution; do not induce vomiting; seek medical attention.

Section 5: Fire-Fighting Measures

This section provides recommendations for fighting a fire caused by the chemical.

Suitable Extinguishing Media: Foam, CO2, dry powder, water.

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising From the Chemical: None

Special Protective Equipment and Precautions for Fire-Fighters: Wear a self-contained breathing apparatus.

Section 6: Accidental Release Measures

This section provides recommendations on the appropriate response to spills, leaks, or releases, including containment and cleanup practices to prevent or minimize exposure to people, properties, or the environment. It may also include recommendations distinguishing between responses for large and small spills where the spill volume has a significant impact on the hazard.

Personal Precautions, Protective Equipment, and Emergency Procedures:
Refer to "Section 8 – Exposure Controls / Personal Protection"

Methods and Materials for Containment and Cleaning Up: Wipe up with absorbent material (e.g. cloth, fleece). Scoop up into containers. Wash spill area with water.

Section 7: Handling and Storage

This section provides guidance on the safe handling practices and conditions for safe storage of chemicals.

Precautions for Safe Handling: No special technical protective measures required.

Recommendations for General Hygiene Practices: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry area.

Section 8: Exposure Controls / Personal Protection

This section indicates the exposure limits, engineering controls, and personal protective measures which can be used to minimize worker exposure.

OSHA Permissible Exposure Limit (PEL): N/A

ACGIH Threshold Limit Value (TLV): N/A

Other exposure limit used or recommended by the manufacturer: N/A

Appropriate Engineering Controls: Not generally required.

Ventilation	Local Exhaust: Ensure adequate ventilation.	Special: N/A
	Mechanical (General): Ensure adequate ventilation.	Other: N/A

Individual Protection Measures, Such as Recommended Personal Protective Equipment (PPE): Not generally required.

Respiratory Protection (Specify Type): Not required for normal conditions of use.	
Protective Gloves: Not required for normal conditions of use.	Eye Protection: Not required for normal conditions of use.
Other Protective Clothing or Equipment: Not required for normal conditions of use.	
Work / Hygienic Practices: Handle in accordance with good industrial hygiene and safety procedures.	

Section 9: Physical and Chemical Properties

This section identifies physical and chemical properties associated with the substance or mixture.

Appearance (physical state, color, etc.):	Off-white, solid.	Vapor Pressure (mm Hg):	No data available
Odor:	Citrus	Vapor Density (AIR = 1):	No data available
Odor Threshold:	No data available	Relative Density (or Specific Gravity) (H_20 = 1):	1.05
pH:	10 – 10.4	Solubility(ies):	Miscible in water
Melting Point / Freezing Point:	No data available	Partition Coefficient (n-octanol / water):	No data available
Initial boiling point and boiling range:	No data available	Auto-Ignition Temperature:	No data available
Flash Point:	No data available	Decomposition Temperature:	No data available
Evaporation Rate (Butyl Acetate = 1):	No data available	Viscosity:	N/A
Flammability (solid, gas):	No data available	VOC Content (lbs/gal or g/l)	No data available
Upper / Lower flammability or explosive limits:	No data available		

Section 10: Stability and Reactivity

This section describes the reactivity hazards of the chemical and the chemical stability information. This section is broken into three parts: reactivity, chemical stability, and other.

Reactivity:

☐ Reactive ☒ Non-reactive under normal conditions of storage and use.

Chemical Stability:

☒ Stable ☐ Unstable under normal (ambient) temperatures and conditions expected during storage / handling.

Possibility of Hazardous Reactions:

☒ No reasonable possibility of hazardous reactions; ☐ There is a possibility of hazardous reactions, such as polymerization, a release of excess pressure / heat or creation of other hazardous conditions. Hazardous reactions may occur during conditions of very high temperature (fire).

Conditions to Avoid (e.g., static discharge, shock, vibration, or environmental conditions):

Avoid extreme temperatures, such as conditions which would support fire / freezing.

Incompatible Materials (e.g., classes of chemicals or specific substances):

No Incompatible Materials

Hazardous Decomposition or Byproducts:

Hazardous Polymerization ☐ may occur under if exposed to extreme heat; ☒ will not occur under normal use, handling and storage conditions.

Section 11: Toxicological Information

This section identifies toxicological and health effects information or indicates such data are not available.

Likely Routes of Exposure:

☐ Inhalation ☐ Ingestion ☐ Skin Contact ☐ Eye Contact ☐ Other: Not Applicable

Symptoms:

None

Health Effects may be:

☐ Delayed ☐ Immediate (acute) ☐ Chronic (due to short or long term exposure) ☒ Considered NOT reasonably anticipated.

Toxicity:

Not classified

Carcinogenicity:

This product has not been found to be carcinogenic by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or OSHA.

Section 12: Ecological Information (Non-Mandatory)

This section provides information to evaluate the environmental impact of the chemical(s) if it were released to the environment.

Eco toxicity (aquatic and terrestrial, where available): This product has no known eco-toxicological effects.	Persistence and Degradability: ☐ Expected to be persistent in the environment; ☒ N/A ☐ Expected to degrade rapidly in the environment (in water, or when exposed to sunlight)
Bio accumulative Potential: Unknown on product.	Mobility in Soil: Unknown

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Section 13: Disposal Considerations (Non-Mandatory)

This section provides guidance on proper disposal practices, recycling or reclamation of the chemical(s) or its container, and safe handling practices. To minimize exposure, the reader should refer to Section 8 of this SDS.

Waste Disposal Method:

Dispose of waste including this product must be in accordance with local, state and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact / mixing with other products. Refer to "40 CFR § 260-299" for complete waste disposal regulations.

Section 14: Transport Information (Non-Mandatory)

This section provides guidance on classification information for shipping and transporting of hazardous chemical(S) by road, air, rail or sea.

UN Number:		- N/A
UN Proper Shipping Name:		- Not regulated
Transport Hazard Class(es):		- Not regulated
Packing Group (if applicable):		- No data available
Environmental Hazards:		Environmental Hazards = Marine Pollutant according to the International Maritime Dangerous Goods Code (IMDG Code).
Transport in Bulk:		Transport in Bulk = According to Annex II of MARPOL 73/78 and the IBC Code.
Special Precautions:		- N/A

Section 15: Regulatory Information (Non-Mandatory)

This section identifies the safety, health, and environmental regulations specific to this product which are not indicated anywhere else on this SDS

SARA TITLE III Information:

Immediate Hazard:	Delayed Hazard:	Fire Hazard:	Pressure Hazard:	Reactivity Hazard:
N/A	N/A	N/A	N/A	N/A

Section 16: Other Information, Including Date of Preparation or Last Revision

This section identifies toxicological and health effects information or indicates such data are not available.

Prepared by: Mukat Gupta	Revision:	Issue Date: 5/23/17	Revision Date:

The Information contained herein is believed to be accurate, but is not warranted to be so. Users are advised to confirm in advance of need the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee (purchaser / customer) or third persons, if the reasonable safety procedures alluded to herein are not adhered to as stipulated in this safety data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.