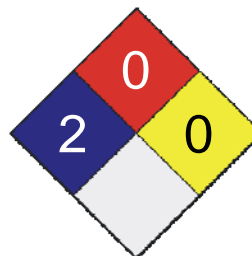


1. Product and Company Identification

Product Name DIP-IT® Food & Beverage Stain Cleaner (Powder)
CAS # Mixture
Product use Cleaner
Distributed by Reckitt Benckiser
 Morris Corporate Center IV
 399 Interpace Parkway
 P.O. Box 225
 Parsippany, NJ 07054-0225
 In Case of Emergency: 1-800-338-6167
 Transportation Emergencies: 24 Hour Number:
 North America: CHEMTREC: 1-800-424-9300
 Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 2
Flammability	0
Physical Hazard	0
Personal Protection	A



2. Hazards Identification

Emergency overview CAUTION
 HARMFUL IF SWALLOWED.
 EYE IRRITANT. May be irritating to skin.
 DO NOT ingest.
 DO NOT get in eyes. Avoid contact with skin. Wash hands after handling.
 KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.

Eyes Severely irritating to eyes. Risk of serious damage to eyes.

Skin May cause skin irritation.

Inhalation Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Ingestion Harmful if swallowed.

Target organs Eyes. Respiratory system. Skin.

Chronic effects The finished product is not expected to have chronic health effects.

Signs and symptoms Severe eye irritation. Moderate skin irritation.

OSHA Regulatory Status This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects See section 12.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Sodium carbonate	497-19-8	20 - 40
Sodium perborate monohydrate	10332-33-9	20 - 40
Sodium Tetraborate	1303-96-4	2.5 - 10
Disodium octaborate tetrahydrate	12280-03-4	10 - 20
Silicic acid, sodium salt	1344-09-8	10 - 20

4. First Aid Measures

First aid procedures

Eye contact	If in eyes, IMMEDIATELY rinse eyes thoroughly with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists get medical attention.
Skin contact	If on skin, wash area with soap and water. If irritation occurs, get medical attention.
Inhalation	Remove to fresh air.
Ingestion	If swallowed, DO NOT induce vomiting. Immediately rinse mouth with water. If person is conscious and alert give a glass of water. Call a physician or Poison Control Center.

Notes to physician

General advice	Contains sodium perborate, sodium carbonate, and sodium silicate. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.
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5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical.
Unsuitable extinguishing media	Do not use water jet.
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Some metallic oxides.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters. Inform the relevant authorities if the product has caused environmental pollution.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

7. Handling and Storage

Handling	Ensure adequate ventilation. Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. Do not ingest. DO NOT get in eyes. Avoid contact with skin and clothing. Avoid breathing dust. Minimize dust generation and accumulation. Do not reuse this container.
Storage	Keep out of reach of children. Store in original container in a cool, secure area inaccessible to children and pets. Store in a well-ventilated, dry area away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
Disodium octaborate tetrahydrate	ACGIH-TLV TWA: 10 mg/m ³ OSHA-PEL Not established
Silicic acid, sodium salt	ACGIH-TLV Not established OSHA-PEL Not established
Sodium carbonate	ACGIH-TLV Not established OSHA-PEL Not established
Sodium perborate monohydrate	ACGIH-TLV Not established OSHA-PEL Not established
Sodium Tetraborate	ACGIH-TLV TWA: 2 mg/m ³ STEL: 6 mg/m ³ OSHA-PEL Not established

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

If splashing is likely to occur or for occupational exposures, wear appropriate eye protection.
Emergency responders should wear full eye and face protection.

Hand protection

Wear appropriate chemical resistant gloves.
Emergency responders should wear impermeable gloves.

Skin and body protection

As required by employer code.

Respiratory protection

Not normally required under normal use conditions.
Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Free-flowing
Color	White.
Form	Powder
Odor	Characteristic
Odor threshold	Not available
Physical state	Solid
pH	9.4 - 9.8 (10% solution)
Freezing point	Not available
Boiling point	Not applicable
Pour point	Not available
Evaporation rate	Not available
Flash point	Not available
Auto-ignition temperature	Not available

Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Specific gravity	Not available
Octanol/water coefficient	Not available
Solubility (H2O)	Complete
Viscosity	Not available

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals. Keep from freezing. Keep away from extreme heat. Exposure to moisture.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of sulphur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Disodium octaborate tetrahydrate	Not available
Silicic acid, sodium salt	Not available
Sodium carbonate	400 mg/m3 guinea pig
Sodium perborate monohydrate	Not available
Sodium Tetraborate	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Disodium octaborate tetrahydrate	2500 mg/kg rat
Silicic acid, sodium salt	1153 mg/kg rat
Sodium carbonate	4090 mg/kg rat
Sodium perborate monohydrate	780 mg/kg rat; 1060 mg/kg mouse
Sodium Tetraborate	2660 mg/kg rat; 5330 mg/kg guinea pig

Effects of acute exposure

Eye	Severely irritating to eyes. Risk of serious damage to eyes.
Skin	May cause skin irritation.
Inhalation	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Ingestion	Harmful if swallowed.
Sensitization	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.
Carcinogenicity	The finished product is not expected to have chronic health effects.

ACGIH - Threshold Limit Values - Carcinogens

Sodium Tetraborate	1303-96-4	A4 - Not Classifiable as a Human Carcinogen (listed under Borate compounds, inorganic)
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Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Algae - Acute Toxicity Data

Sodium carbonate 497-19-8 120 Hr EC50 Nitzschia: 242 mg/L

Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Silicic acid, sodium salt 1344-09-8 96 Hr LC50 Lepomis macrochirus: 301-478 mg/L; 96 Hr LC50 Brachydanio rerio: 3185 mg/L [semi-static]

Sodium carbonate 497-19-8 96 Hr LC50 Lepomis macrochirus: 300 mg/L [static]; 96 Hr LC50 Pimephales promelas: 310 - 1220 mg/L [static]

Ecotoxicity - Water Flea - Acute Toxicity Data

Silicic acid, sodium salt 1344-09-8 96 Hr EC50 Daphnia magna: 216 mg/L

Sodium carbonate 497-19-8 48 Hr EC50 Daphnia magna: 265 mg/L

Persistence / degradability Not available

Bioaccumulation / accumulation Not available

Mobility in environmental media Not available

Environmental effects Not available

Aquatic toxicity Not available

Partition coefficient Not available

Chemical fate information Not available

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations.

Waste from residues / unused products Not available

Contaminated packaging Not available

14. Transport Information

U.S. Department of Transportation (DOT)

UN 1759, Corrosive solids, N.O.S. (Sodium silicate),
Class 8, PG II, Limited Quantity

Transportation of Dangerous Goods (TDG - Canada)

UN 1759, CORROSIVE SOLID, N.O.S. (Sodium silicate),
Class 8, PG II, Limited Quantity

IMDG (Marine Transport)

UN 1759, Corrosive Solid, N.O.S. (Sodium silicate),
Class 8, PG II, Limited Quantity

IATA/ICAO (Air)

UN 1759, Corrosive Solid, N.O.S. (Sodium silicate),
Class 8, PG II

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Product Registration: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Sodium Tetraborate 1303-96-4 Present (exempt except when present as free crystal/powder, listed under Borates, tetra, sodium salts)

U.S. - Illinois - Toxic Air Contaminants

Sodium Tetraborate 1303-96-4 Present (listed under Sodium borate)

U.S. - Massachusetts - Right To Know List

Sodium Tetraborate 1303-96-4 Present

U.S. - Minnesota - Hazardous Substance List

Sodium Tetraborate 1303-96-4 Present

U.S. - New Jersey - Right to Know Hazardous Substance List

Sodium Tetraborate 1303-96-4 Sn 0241 (listed under Sodium borates)

U.S. - Pennsylvania - RTK (Right to Know) List

Sodium Tetraborate 1303-96-4 Present

U.S. - Rhode Island - Hazardous Substance List

Sodium Tetraborate 1303-96-4 Toxic

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer

This product should only be used as directed on the label and for the purpose intended. 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.

Further information

DIP-IT® Food & Beverage Stain Cleaner (Powder) - 376466v3.0

Issue date

02-Aug-2012

Effective date

01-Aug-2012

Prepared by

Reckitt Benckiser Regulatory Department 800-333-3899

Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.