



## SAFETY DATA SHEET

*This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.*

### Section 1: Chemical Product and Company Identification

**Product name:** Brady Rain Barrel Hair & Body Shampoo  
**Product Code:** BRSS1105  
**Chemical Use:** Personal care (Soft Soap)

**Date Prepared:** 4/28/15  
**Supersedes:** New

**Restrictions on use:** Use in accordance with all Federal, State and local regulations.

**Company Identification:** Streamline Supply Inc.  
460 N. 1000 W.  
Centerville, Utah 84014

**Distributed by:** Brady Industries.  
7055 Lindell Road.  
Las Vegas, NV 89118

**Emergency Telephone Numbers: For Transportation Emergency:** ChemTel 1-800-255-3924  
**For Medical Emergency:** ChemTel 1-800-255-3924  
**For SDS or other information:** 702-588-7863

### Section 2: Hazard(s) Identification

**GHS Classification:**      **Skin irritation:** Category 2  
                                     **Eye Irritation:** Category 2A

**GHS Label element**

**Hazard pictograms:**



**Signal Word:** Warning

**Hazard Statements:**    H315 Causes skin irritation.  
                                     H319 Causes serious eye irritation.

#### PRECAUTIONARY STATEMENTS:

**Prevention:**                P201 Obtain special instruction before use.  
                                     P202 Do not handle until all safety precautions have been read and understood  
                                     P264 Wash thoroughly after handling.  
                                     P280 Wear eye protection/ face protection.  
                                     P281 Use personal protective equipment as required.

**Response:**                **P302 + P352 IF ON SKIN:** Wash with plenty of soap and water.  
                                     **P305 + P351 + P338 IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
                                     **P308 + P313** If exposed or concerned: Get medical advice/ attention.  
                                     **P332 + P313** If skin irritation occurs: Get medical advice/ attention.  
                                     **P337 + P313** If eye irritation persists: Get medical advice/ attention.  
                                     **P332** Take off contaminate clothing and wash before reuse.

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## Section 2: Hazard(s) Identification (continued)

### PRECAUTIONARY STATEMENTS: (continued)

#### Response (continued):

**Storage:** P405 Store locked up.

**Disposal:** P501 Dispose of contents/container to an approved waste disposal plant.

### POTENTIAL HEALTH EFFECTS

**Inhalation** : No adverse effects due to inhalation are expected.

**Skin** : May cause skin irritation upon prolonged contact.

**Eyes** : Causes eye irritation on direct contact.

**Ingestion** : May be harmful if swallowed in large quantities.

**Aggravated Medical**

**Conditions** : None known

### CARCINOGENICITY:

**IARC** Group 2B: Possible carcinogenic to humans. This finished consumer product is not expected to exhibit carcinogenic effects. There is inadequate evidence in humans for the carcinogenicity of diethanolamine (111-42-2), the mechanism identified is not considered relevant to humans.

DIETHANOLAMINE

CAS NUMBER: 111-42-2

**ACGIH** Confirmed animal carcinogen with known relevance to humans. This finished consumer product is not expected to exhibit carcinogenic effects. There is inadequate evidence in humans for the carcinogenicity of diethanolamine (111-42-2), The mechanism identified is not considered relevant to humans.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## Section 3: Composition/Information on Ingredients

CHEMICAL NAME	CAS NUMBER	% BY WEIGHT
Water	7732-18-5	>= 30% - <= 90%
Alcohol (C10-16) Ethoxylate Sulfated sodium	68585-34-2	>=5% - <=10%
Sodium Chloride	7647-14-5	>=5% - <=10%
Anionic Ester blend	Confidential	>=1% - <=5%
Diethanolamine	111-42-2	>=0.1% - <1%

\* The specific chemical identity and percentages of this composition is being withheld as a trade secret.

Trace components: Trace ingredients (if any) are present in < 1% concentration, (<0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SEE SECTION 8, 11 AND 12 FOR TOXICOLOGICAL INFORMATION.

## Section 4: First Aid Measures

### First Aid Procedures:

**If inhaled:** Not applicable.

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#### Section 4: First Aid Measures (continued)

##### First Aid Procedures (continued):

**IF ON SKIN:** Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

**EYE CONTACT:** Flush eyes with water for at least 15 minutes. Get medical attention if eye irritation develops or persists.

**INGESTION:** Rinse mouth. Drink 8 ounces of clear water. Get medical attention.

**Most important symptoms/effects, acute and delayed:** Cause skin irritation. Causes serious eye irritation.

##### Indication of immediate medical attention and special treatment needed

No additional information available.

#### Section 5: Fire-Fighting Measures

**General fire hazards:** No data available.

##### Extinguishing media

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam. Carbon dioxide. Dry chemical powder.

**Unsuitable extinguishing media:** Non known.

**Hazardous combustion products:** No hazardous combustion products are known.

##### Specific hazards arising from the substance or mixture

**Fire hazard:** DIRECT FIRE HAZARD: Non-combustible.

**Explosion hazard:** None known

**Reactivity:** On exposure to temperature rise, pressure rise, and possible bursting of container.

**Special protective action for fire-fighters:** DO NOT enter fire area without proper protective equipment, including a self-contained breathing apparatus in pressure-demand (MSA/NIOSH approved or equivalent), and full protective gear. Use water spray or fog to cool exposed containers.

**Other information:** No additional data available

#### Section 6: Accidental Release Measures

##### Steps to Take in Case Material Is Released or Spilled:

**General measures:** Use inert material such as clay or diatomaceous earth to contain spill. Use these products to soak up material or mop or vacuum up spill and rinse with water.

##### Personal precautions, protective equipment and emergency procedures:

**For non-emergency personnel:** Evacuate unnecessary personnel.

Always use proper personal protective equipment as described in section 8, including protective goggles, protective gloves, protective clothing including boots and approved respiratory protection.

Avoid run-off into storm sewers and ditches that lead to waterways. Use inert material such as clay or diatomaceous earth to contain spill. Use these products to soak up material or mop or vacuum up spill and rinse with water.

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## Section 6: Accidental Release Measures (continued)

### Personal precautions, protective equipment and emergency procedures (continued):

#### For emergency responders:

Wear proper protection during cleanup. Ventilate area. Avoid run-off into storm sewers and ditches that lead to waterways. Use inert material such as clay or diatomaceous earth to contain spill.

**Environmental precautions:** No additional information available.

#### Method for cleaning up:

Contain spilled material for disposal according to Federal, State, and local regulations. Use inert material such as clay or diatomaceous earth to contain spill. Use these products to soak up material or mop or vacuum up spill and rinse with water.

#### Reference to other sections

See section 8 "Exposure Controls/Personal Protection"

## Section 7: Handling and Storage

**Precautions for safe handling:** Always use proper personal protective equipment as required. Do NOT get in eyes, on skin, or on clothing. Do NOT handle until all safety precautions have been read and understood. Handle and open the container with care. Remove contaminated clothing and wash before reuse. Do not ingest. Do not reuse container. **Read entire Safety Data Sheet before using.**

**Hygiene measures:** Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### Condition for safe storage, including incompatibilities

**Technical measures:** Comply with applicable regulations.

**Incompatible products:** Strong oxidizing agents.

**Heat-ignition:** Non-combustible

**Prohibitions on mixed storage:** None known

**Storage area:** Store between 68° F- 77° F. Keep out of reach of children and pets. Keep in a tightly closed container.

## Section 8: Exposure Controls/Personal Protection

### Exposure Limits

#### Components with workplace control parameters

**Product Name:** Diethanolamine

**CAS #:** 111-42-2

**OSHA Permissible Exposure Limit (PEL) Limit Values:** 3 ppm (2 mg/m<sup>3</sup>) TWA

**American Conference of Governmental Industrial Hygienists (ACGIH) Threshold**

: 1mg/m<sup>3</sup> TWA (inhalable fraction and vapor)

**National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit (REL)**

: 3 ppm  
15 mg/m<sup>3</sup> TWA

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## Section 8: Exposure Controls/Personal Protection (continued)

### Engineering Controls

**Engineering Measures:** In an industrial work environment, no special precautions or control measure are required.

### Individual Protection

#### Personal Protective Equipment (PPE)

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**Protective measures:** In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective gloves. For consumer use, no unusual precautions are necessary.

**Hygiene measures:** In an industrial work environment, avoid eye and prolonged skin contact.

**Other information:** None known

## Section 9: Physical Data

**Physical state:** liquid

**Color:** Pearly Green

**Odor:** Almond

**Odor Threshold:** No data available

**pH:** 6 - 7

**Melting/freezing Point:** No data available

**Initial boiling point and boiling range:** No data available

**Flash Point:** > 200 °F

**Evaporation Rate:** No data available

**Upper /lower flammability or**

**Explosive Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density (Air =1):** No data available

**Relative density:** 1.1

**Weight/gallon:** 8.3 lbs.

**Solubility in Water:** Soluble in water

**Partition coefficient**

**n-octanol/water):** No data available

**Auto-ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

## Section 10: Stability and Reactivity

**Reactivity:** Reacts with (strong) oxidizers.

**Stability:** Stable under recommended conditions.

**Possibility of hazardous reaction:** Hazardous polymerization does not occur.

**Conditions to Avoid:** Extreme high or low temperatures.

**Incompatibility With Various Substances:** Strong oxidizers.

**Hazardous Decomposition Products:** None known

## Section 11: Toxicological Information

### Acute Toxicity (list all possible routes of exposure)

#### Acute toxicity

Not classified based on available information.

#### Oral

**Product:** **Acute toxicity estimate:** >5000 mg/kg  
**Method:** Calculation method

#### Skin corrosion/ irritation

**Product:** Cause skin irritation with prolong contact.  
**pH:** 6.5 - 7

#### Serious eye damage/eye irritation

**Product:** Causes serious eye irritation.  
**pH:** 6.5 - 7

#### Respiratory or skin sensitization

**Product:** No data available

#### Germ cell mutagenicity

**Product:** No data available

#### Carcinogenicity

**Product:** **IARC Monographs on Evaluation of Carcinogenic Risk to Humans:**  
No carcinogenic components identified.  
**U.S. National Toxicology Program (NTP) Report on Carcinogens:**  
No carcinogenic components identified.  
**U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**  
No carcinogenic components identified.

#### Reproductive toxicity

**Product:** No data available.

**Specific target organ toxicity-single exposure - Product:** No data available.

**Specific target organ toxicity-repeated exposure - Product:** No data available.

**Aspiration hazard - Product:** No data available.

**Other effects - Product:** No data available.

#### Potential Adverse human health effects and symptoms

**Symptoms/injuries after inhalation:** No data available.

**Symptoms/injuries after skin contact:** Mild irritation after prolong contact.

**Symptoms/injuries after eye contact:** Causes serious eye irritation.

**Symptoms/injuries after ingestion:** None expected

**Section 11: Toxicological Information (continued)****Components:**

<b>Component:</b>	Alcohol (C10-16) Ethoxylate Sulfated sodium	<b>CAS #:</b> 68585-34-2
<b>Information on likely routes of exposure</b>		
<b>Ingestion</b>	: Expected to be a low ingestion hazard.	
<b>Inhalation</b>	: Prolonged inhalation may be harmful.	
<b>Skin contact</b>	: Causes skin irritation.	
<b>Eye contact</b>	: Causes serious eye damage.	
<b>Symptoms related to the physical, chemical and toxicological characteristics:</b> Not available.		
<b>Information on toxicological effects</b>		
<b>Acute toxicity</b>		
<b>Acute</b>		
<b>Dermal</b> - LD50 - Rabbit - > 2000 mg/kg		
<b>Oral</b> - LD50 – Rat - > 2000 mg/kg		
<b>Skin corrosion/irritation</b>	: Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	: Causes serious eye damage.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	: Not available.	
<b>Skin sensitization</b>	: This product is not expected to cause skin sensitization.	
<b>Germ cell mutagenicity</b>	: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b> This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		
Not listed.		
<b>Reproductive toxicity</b>	: Contains no ingredient listed as toxic to reproduction	
<b>Specific target organ toxicity - single exposure</b>	: Not applicable.	
<b>Specific target organ toxicity - repeated exposure</b>	: Not applicable.	
<b>Aspiration hazard</b>	: Not applicable.	

**Section 11: Toxicological Information (continued)****Components (continued):**

<b>Component:</b>	Sodium Chloride	<b>CAS #:</b> 7647-14-5
<b>Information on likely routes of exposure</b>		
<b>Inhalation</b>	:Inhalation of dusts may cause respiratory irritation.	
<b>Skin contact</b>	:Prolonged or repeated skin contact may cause irritation.	
<b>Eye contact</b>	: Dust in the eyes will cause irritation.	
<b>Ingestion</b>	: Expected to be a low ingestion hazard.	
<b>Symptoms related to the physical, chemical and toxicological characteristics:</b> Not applicable		
<b>Information on toxicological effects</b>		
<b>Acute toxicity:</b> In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.		
<b>Acute toxicity</b> LD50 <i>Oral</i> - Rat - 2,301 mg/kg (OECD Test Guideline 401)		
<b>Inhalation</b>	: No data available	
<b>Dermal</b>	: No data available	
<b>Skin corrosion/irritation</b> Skin - Rabbit Result: No skin irritation		
<b>Serious eye damage/eye irritation</b> Eyes - Rabbit Result: Moderate eye irritation (OECD Test Guideline 405)		
<b>Respiratory or skin sensitization</b>	:No data available	
<b>Germ cell mutagenicity</b> Rat Unscheduled DNA synthesis		
<b>Carcinogenicity:</b> This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
<b>Reproductive toxicity</b>	: No data available	
<b>Specific target organ toxicity - single exposure:</b> No data available		
<b>Specific target organ toxicity - repeated exposure:</b> No data available		
<b>Aspiration hazard</b>	: No data available	
<b>Additional Information:</b> To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		



**Section 11: Toxicological Information (continued)****Components (continued):**

<b>Component:</b> Anionic Ester blend	<b>CAS #:</b> Proprietary
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	: Expected to be a low ingestion hazard.
<b>Inhalation</b>	: Prolonged inhalation may be harmful.
<b>Skin contact</b>	: Causes skin irritation.
<b>Eye contact</b>	: Causes serious eye damage.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	: Not available.
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	: Not available.
<b>Skin corrosion/irritation</b>	: Causes skin irritation.
<b>Serious eye damage/eye Irritation</b>	: Causes serious eye damage.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	: This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	
Not listed.	
<b>Reproductive toxicity</b>	: Contains no ingredient listed as toxic to reproduction
<b>Specific target organ toxicity - single exposure</b>	: Not applicable.
<b>Specific target organ toxicity - repeated exposure</b>	: Not applicable.
<b>Aspiration hazard</b>	: Not applicable.

**Section 12: Ecological Information****Toxicity****Product:** No data available.**Persistence and degradability****Product:** No data available.**Bio accumulative potential****Partition coefficient n-octanol /water (log Kow) - Product:** No data available.**Mobility in soil - Product:** No data available.**Other adverse effects :** No data available**Other adverse effects** :No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.**Section 13: Disposal Information****Disposal Considerations:** Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions found in 40 CFR 261.3. Dispose of container and unused contents in accordance with federal, state and local requirements.**Container Disposal:** Drain contaminated container thoroughly. Do not reuse container.**Section 14: Transportation Information****Ground – DOT (US) Proper Shipping Name:** Not regulated**Marine Pollutant:** Not regulated.**Special precaution for user:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.**Section 15: Regulatory Information****OSHA Hazards** :Harmful by ingestion. Severe skin irritant, moderate eye irritant.**EPCRA – Emergency Planning and Community Right-to Know Act****CERCLA Reportable Quantity**

<u>Chemical identity</u>	<u>CAS-No</u>	<u>RQ</u>
DIETHANOLAMINE	111-42-2	*100 lbs.

\*Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

<u>Chemical identity</u>	<u>CAS-No</u>	<u>RQ</u>
FORMALDEHYDE	50-00-0	*100 lbs.

\*Calculated RQ exceeds reasonably attainable upper limit.

**SARA 302** : No chemicals in this material are subject to a reporting requirement of SARA Title III, Section 302.

**Section 15: Regulatory Information (continued)**

**SARA 311/312 Hazards** : Chronic Health Hazard  
Acute Health Hazard

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act**

The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 116.4A

<b>Chemical identity</b>	<b>CAS-No</b>
Formaldehyde	50-00-0

The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 117.3

<b>Chemical identity</b>	<b>CAS-No</b>
Formaldehyde	50-00-0

This material does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**TSCA Status:** All components of this product are listed or exempt from listing on TSCA inventory.

**Section 16: Other Information****Hazardous Materials Identification System (HMIS)**

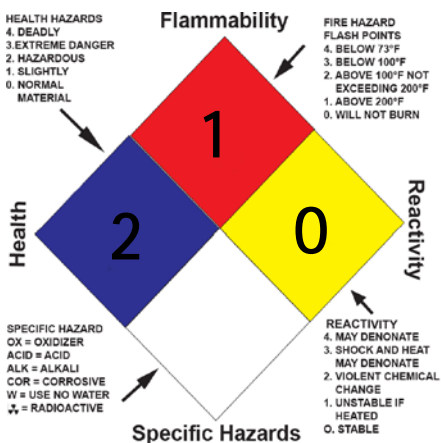
**NOTE:** HMIS ratings use a numbering scale that ranges from 0 - 4 to indicate the degree of hazard. A value of zero means the chemical presents no hazard while a value of four indicates a high hazard. These ratings are based on the inherent properties of this chemical under expected conditions of normal use and are not intended to be used in emergency situations. PPE is determined by the user based on their needs and conditions.

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

## Section 16: Other Information (continued)

## National Fire Protective Association (NFPA)

**NOTE:** NFPA ratings use a numbering scale that ranges from 0 - 4 to indicate the degree of hazard. A value of zero means the chemical presents no hazard while a value of four indicates a high hazard. They are for use by emergency personnel to address the hazards that are presented by short term, acute exposure to this product under fire, spill, or similar emergencies. Ratings involve data and interpretations that may vary from company to company.



## OVERVIEW

This information was compiled from current manufacturer's SDS's of the component parts of the product.

**Disclaimer:** The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

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