



Revision Number: 001.4

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1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: **BAR SOAP FELS NAPTHA BROWN**

Recommended use of the chemical and restrictions on use: No restrictions on use.

Name, address and telephone number of the chemical distributor:

Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Telephone: For medical emergencies 1-833-359-6299 For transportation CHEMTREC: 1-800-424-9300 .
Internet: www.henkel-northamerica.com

2. HAZARDS IDENTIFICATION

Globally Harmonized System Safety Data Sheets (SDS) are required to be readily accessible to employees for all hazardous chemicals in the workplace. This SDS provides additional information for safe handling of the product and may contain health hazard information not relevant to consumer use. For information regarding consumer application of this product, refer to the product label.

| HAZARD CLASS | HAZARD CATEGORY |
|----------------|-----------------|
| EYE IRRITATION | 2B |

Signal word: WARNING

Hazard Statement(s):
Causes eye irritation.

Symbol(s): None

Precautionary Statements:

Prevention: Wash affected area thoroughly after handling.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

Storage: Not prescribed

Disposal: Not prescribed

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as hazards in accordance with § 1910.1200.

| Chemical Name* | CAS Number (Unique Identifier) | Concentration |
|--|--------------------------------|----------------|
| Fatty acids, tallow, sodium salts | 8052-48-0 | >= 50 - < 70 % |
| Fatty Acids, Coconut Oil, Sodium Salts | 61789-31-9 | >= 10 - < 20 % |
| Fatty acids, tallow | 61790-37-2 | >= 1 - < 5 % |
| Glycerol | 56-81-5 | >= 1 - < 5 % |
| D-Limonene | 5989-27-5 | >= 1 - < 5 % |
| Cineole | 470-82-6 | >= 0.1 - < 1 % |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

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Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

Description of necessary measures

| | |
|----------------------|--|
| Inhalation: | Remove from exposure area to fresh air. If adverse health effects develop seek medical attention. |
| Skin contact: | Rinse affected area with large amounts of water until no evidence of product remains. Remove contaminated clothes. Launder contaminated clothing before reuse. If symptoms develop and persist, get medical attention. |
| Eye contact: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a specialist. |
| Ingestion: | Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. If adverse health effects develop seek medical attention. |

Most important symptoms and effects, both acute and delayed

After eye contact: Can cause mild to moderate eye irritation. After skin contact: Can cause mild skin irritation with prolonged contact.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with large amounts of water until no evidence of product remains. After inhalation: Remove from exposure area to fresh air.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None

Specific hazards arising from the chemical

Not available.

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary personnel away. Ensure clean-up is conducted by trained personnel only. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Sweep or scoop up and place into containers for later disposal. Wash site of spillage thoroughly with water.
LARGE SPILLS: Sweep or scoop up. Dispose in suitable waste container. Keep unnecessary people away from spill.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not ingest. Do not get in eyes. Use with adequate ventilation. Keep the containers closed when not in use.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), American Industrial Hygiene Association (WEEL) Workplace Environmental Exposure Level and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|--|---|-----------------------------|-------|
| Fatty Acids, Coconut Oil, Sodium Salts | None | None | None | None |
| Fatty acids, tallow | None | None | None | None |
| Glycerol | 10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles. | 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. | None | None |
| D-Limonene | None | None | 30 ppm (165.5 mg/m3) TWA | None |
| Cineole | None | None | None | None |

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

- Respiratory:** If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).
- Eye:** Safety glasses are required to prevent eye contact where dusty conditions may occur.
- Hand/Body:** Chemical-resistant gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------|
| Appearance: | piece dark orange |
| Odor: | fresh |
| Odor threshold: | Not available. |
| pH: | Not available. |
| Melting point/ range: | Not available. |
| Boiling point/range: | Not available. |
| Flash point: | Not available. |
| Evaporation rate: | Not available. |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Vapor pressure: | Not available. |
| Vapor density: | Not available. |
| Solubility in water: | Not available. |
| Partition coefficient (n-octanol/water): | Not available. |
| Autoignition temperature: | Not available. |

Decomposition temperature: Not available.
Viscosity: Not available.
VOC content: Not available.

10. STABILITY AND REACTIVITY

Reactivity: Possible reaction with incompatible materials.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: None known.

Hazardous decomposition products: None known.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product.
Skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.
Eye contact: Can cause mild to moderate eye irritation.
Ingestion: Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information: This product is a laundry care product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|-----------------|--------------------------------------|
| Fatty acids, tallow, sodium salts | None | Irritant |
| Fatty Acids, Coconut Oil, Sodium Salts | None | No Data |
| Fatty acids, tallow | None | Irritant |
| Glycerol | None | Irritant, Nuisance dust |
| D-Limonene | None | Irritant |
| Cineole | None | No Data |

Carcinogenicity information

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen |
|--|----------------|-----------------|-----------------|
| Fatty acids, tallow, sodium salts | No | No | No |
| Fatty Acids, Coconut Oil, Sodium Salts | No | No | No |
| Fatty acids, tallow | No | No | No |
| Glycerol | No | No | No |
| D-Limonene | No | No | No |
| Cineole | No | No | No |

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).

Mutagenicity None of the ingredients in this product are known to cause mutagenicity.

Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

| Hazardous substances CAS-No. | Result value | Route of application | Species | Method |
|--|-----------------------|-------------------------|-----------|--|
| Fatty acids, tallow, sodium salts 8052-48-0 | readily biodegradable | aerobic | 72 % | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test) |
| Fatty Acids, Coconut Oil, Sodium Salts 61789-31-9 | readily biodegradable | aerobic | 85 % | EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test) |
| Fatty acids, tallow 61790-37-2 | readily biodegradable | aerobic | 94 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| Glycerol 56-81-5 | readily biodegradable | aerobic | 90 - 94 % | EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test) |
| Limonene 5989-27-5 | readily biodegradable | aerobic | 71.4 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| Cineole 470-82-6 | readily biodegradable | aerobic | 82 % | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of uncleaned packages: Do not reuse this container.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.

CERCLA/SARA Section 311/312: Not available.

CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: This product does not contain any Proposition 65 chemicals at levels requiring a warning in the State of California.

Canada Regulatory Information

CEPA DSL/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

16. OTHER INFORMATION

DISCLAIMER: The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

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