

SAFETY DATA SHEETS

This SDS packet was issued with item:

078914550

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078914548 078914551

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078881069 078881077 078881085

SAFETY DATA SHEET

Relief Shampoo Relief Shampoo



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/19/2019	122000009840	Date of first issue: 07/19/2019

SECTION 1. IDENTIFICATION

Product information

Product Name:	Relief Shampoo
Synonyms:	ExpertCare Itch & Pain Relief Shampoo
SDS Number:	122000009840

Use : Product care for animals

Company

Bayer HealthCare, LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
UNITED STATES OF AMERICA
(800) 633-3796

In case of emergency: (800) 422-9874
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE:(800) 633-3796
INTERNATIONAL:(703) 527-3887

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements :

Prevention:

P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

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Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Ammonium lauryl sulfate	2235-54-3	20
PEG-120 Methyl Glucose Dioleate	86893-19-8	5
Pramoxine Hydrochloride	637-58-1	1
Cetrimonium chloride	112-02-7	0.5
Quaternium 15	4080-31-3	0.2

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Not an expected entry route.

In case of skin contact : If skin reactions occur, contact a physician.

In case of eye contact : Flush eyes with water as a precaution.

If swallowed : In case of accidental ingestion, contact your regional poison center or physician immediately.

Most important symptoms and effects, both acute and delayed : No information available.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : No information available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire-fighting : Fire may cause evolution of:
Carbon monoxide (CO)
Carbon dioxide (CO₂)

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

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Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid formation of aerosol.

Methods and materials for containment and cleaning up : Cover spilled product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labeled, closable containers.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : No special protective measures against fire required.

Advice on safe handling : Avoid formation of aerosol.

Conditions for safe storage : Store at temperatures and conditions as indicated on the product label.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : Recommended Filter type:
Organic vapor with prefilter

None required for consumer use of this product.

Hand protection
Material : Chemically resistant gloves.

Remarks : None required for consumer use of this product.

Eye protection : Safety glasses
None required for consumer use of this product.

Protective measures : Wear suitable protective equipment.
Please consult label for end-user requirements.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

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Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Impact sensitivity	:	No data available
Minimum ignition energy	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No data available
Chemical stability	:	No data available
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	No data available
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	Carbon monoxide (CO) Carbon dioxide (CO ₂)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	:	Acute toxicity estimate (ATE): > 5,000 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate (ATE): > 5,000 mg/kg Method: Calculation method

Components:

Cetrimonium chloride:

Acute oral toxicity	:	LD ₅₀ (Rat, male and female): ca. 699 mg/kg Method: OECD 401 Target Organs: Lungs, Gastrointestinal tract Symptoms: bloody feces, Body weight change GLP: yes Assessment: The component/mixture is moderately toxic after single ingestion.
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Acute dermal toxicity : LD50 (Rabbit, male and female): 528 mg/kg
Method: OECD 402
Test substance: Data on active ingredient
GLP: yes
Assessment: The component/mixture is toxic after single contact with skin.
Remarks: Data on a comparable substance

Quaternium 15:

Acute oral toxicity : LD50 (Rat): 2,664 mg/kg
Acute dermal toxicity : LD50 (Rabbit): 923 mg/kg

Skin corrosion/irritation

Product:

Result : No skin irritation
Remarks : Expert judgement

Components:

Cetrimonium chloride:

Species : Rabbit
Exposure time : 4 h
Assessment : Corrosive
Method : OECD 404
Result : Corrosive
Test substance : Data on a comparable substance

Quaternium 15:

Species : Rabbit
Exposure time : 72 h
Result : Moderate skin irritation

Serious eye damage/eye irritation

Components:

PEG-120 Methyl Glucose Dioleate:

Result : Mild eye irritation

Cetrimonium chloride:

Species : Rabbit
Result : Severe eye irritation
Exposure time : 24 h
Assessment : Causes serious eye damage.
Method : 16 CFR 1500.42

Quaternium 15:

Species : Rabbit

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Result : Moderate eye irritation
Exposure time : 48 h

Respiratory or skin sensitisation

Components:

Cetrimonium chloride:

Test Type : Buehler Test
Exposure routes : Skin contact
Species : Guinea pig
Method : OECD 406
Result : Does not cause skin sensitisation.
GLP : yes

Germ cell mutagenicity

Components:

Cetrimonium chloride:

Genotoxicity in vitro : Test Type: Reverse Mutation test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD 471
Result: negative
GLP: yes

Test Type: In vitro gene mutation study in mammalian cells
Test system: Hamster V79-cells
Metabolic activation: with and without metabolic activation
Method: OECD 476
Result: negative
GLP: yes

Test Type: Chromosome aberration test in vitro
Test system: Hamster V79-cells
Metabolic activation: with and without metabolic activation
Method: OECD 473
Result: negative
GLP: yes

Quaternium 15:

Germ cell mutagenicity - Assessment : Experiments showed mutagenic effects in cultured bacterial cells.

Carcinogenicity

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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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.

Reproductive toxicity

Components:

Quaternium 15:

Effects on foetal development : Test Type: Fertility/early embryonic development
Species: Rat
Developmental Toxicity: NOEL: 5 mg/kg body weight

STOT - single exposure

Components:

Pramoxine Hydrochloride:

Assessment : May cause respiratory irritation.

Repeated dose toxicity

Components:

Cetrimonium chloride:

Species : Rat, male and female
NOAEL : 300 mg/kg
Application Route : Oral
Exposure time : 28-day
Number of exposures : Once daily
Method : OECD 407
GLP : yes

Species : Rabbit, male and female
NOAEL : 10 mg/kg
Application Route : Dermal
Exposure time : 28-day 6.5 - 7 h
Number of exposures : 5 days per week
Method : OECD Test Guideline 410

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Cetrimonium chloride:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.59 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity
Analytical monitoring: no
Method: OECD 203
GLP: yes

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Remarks: Nominal concentration

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.28 mg/l
End point: mortality
Exposure time: 48 h
Analytical monitoring: no
Test substance: Data on a comparable substance
Method: OECD 202
GLP: yes
Remarks: Nominal concentration

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 0.11 mg/l
Exposure time: 96 h
Test Type: Biomass
Analytical monitoring: yes
Test substance: Data on a comparable substance
Method: OECD 201
GLP: no
Remarks: Nominal concentration

EC50 (Pseudokirchneriella subcapitata (green algae)): 0.18 mg/l
Exposure time: 96 h
Test Type: Growth rate
Analytical monitoring: yes
Test substance: Data on a comparable substance
Method: OECD 201
GLP: no
Remarks: Nominal concentration

Toxicity to fish (Chronic toxicity) : LC50 (Pimephales promelas (fathead minnow)): 0.094 mg/l
End point: mortality
Exposure time: 28 d
Analytical monitoring: yes
Test substance: Data on a comparable substance
Method: EPA-FIFRA
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.007 mg/l
End point: mortality
Exposure time: 21 d
Test Type: Reproductive toxicity
Test substance: Data on a comparable substance
Method: OECD 211
Remarks: Nominal concentration

Toxicity to microorganisms : EC50 (Pseudomonas putida): 0.96 mg/l
Exposure time: 16 h
Test Type: Growth inhibition

Toxicity to soil dwelling organisms : Test Type: laboratory study
NOEC (Eisenia fetida (earthworms)): 517 mg/kg
Exposure time: 14 d

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Test substance: Data on a comparable substance
Method: OECD 207
GLP: yes

Persistence and degradability

Components:

Cetrimonium chloride:

Biodegradability : aerobic
Inoculum: activated sludge, non-adapted
Concentration: 30 mg/l
Result: Readily biodegradable.
Biodegradation: ca. 93.5 %
Exposure time: 28 d
Method: OECD 301 B
GLP: yes

Photodegradation : Test Type: Air
Method: QSAR

Bioaccumulative potential

Components:

Cetrimonium chloride:

Bioaccumulation : Species: Lepomis macrochirus (Bluegill sunfish)
Bioconcentration factor (BCF): 70.8
Method: Calculation method
Remarks: Low potential for bioaccumulation

Partition coefficient: n-octanol/water : Pow: 1,208.3 (77 °F / 25 °C)
log Pow: 3.08 (77 °F / 25 °C)
Method: Calculation method

Quaternium 15:

Partition coefficient: n-octanol/water : Pow: < 2 (77 °F / 25 °C)

Mobility in soil

No data available

Other adverse effects

Product:

Components:

Cetrimonium chloride:

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic.

However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

SECTION 14. TRANSPORT INFORMATION

US Land transport (CFR) Non-regulated

Sea transport (IMDG)

UN Number	3082
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CETRIMONIUM CHLORIDE)
Class	9
Packaging group	III
IMDG-Labels	9
EmS Number	F-A
Marine pollutant	yes

Air transport (IATA)

UN Number	3082
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CETRIMONIUM CHLORIDE)
Class	9
Packaging group	III
Dangerous goods labels	9
Environmentally hazardous	yes

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

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SARA 311/312 Hazards : Serious eye damage or eye irritation

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 Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

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

Sodium hydroxide	1310-73-2	0 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Sodium hydroxide	1310-73-2	0 %
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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Methyl 4-hydroxybenzoate	99-76-3
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Vermont Chemicals of High Concern

Methyl 4-hydroxybenzoate	99-76-3
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Washington Chemicals of High Concern

Methyl 4-hydroxybenzoate	99-76-3
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New York City Hazardous Substances

Erioglaucine disodium salt	3844-45-9
Sodium hydroxide	1310-73-2

The components of this product are reported in the following inventories:

TSCA : Substance(s) not listed on TSCA inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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SECTION 16. OTHER INFORMATION

Further information

NFPA 704:

Health - 2	Flammability - 1	Instability - 0	Others -
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HMIS® IV:

Health - 2	Flammability - 1	Instability - 0	Others -
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Full text of other abbreviations

Revision Date : 07/19/2019

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.

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