



MATERIAL SAFETY DATA SHEET

BAYER HEALTHCARE LLC

Consumer Care Division
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TRANSPORTATION EMERGENCY

CALL CHEMTREC..... : (800) 424-9300
INTERNATIONAL : (703) 527-3887

NON-TRANSPORTATION

BAYER EMERGENCY PHONE : (800) 331-4536
BAYER INFORMATION PHONE: (800) 331-4536
or (800) 743-5423

Section 1: Product and Company Identification

Product Name: Rid® Shampoo plus Conditioner
Material Number: 8861865
Chemical Family: Pediculicide

Section 2: Composition/Information on Ingredients

HAZARDOUS INGREDIENTS

| <u>Ingredient Name/ CAS Number</u> | <u>Exposure Limits</u> | <u>Concentration</u> | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|-------------|
| | | <u>Min.</u> | <u>Max.</u> |
| Label Ingredients: Piperonyl butoxide; Pyrethrum Extract; Ammonium laureth sulfate; Fragrances; PEG-25 Hydrogenated Castor Oil; Polyquaternium-10; Water; SD Alcohol 3-C; | | | |

OTHER INGREDIENTS

The ingredients listed below are provided for informational purposes.

| <u>Ingredient Name/ CAS Number</u> | <u>Exposure Limits</u> | <u>Concentration</u> | |
|----------------------------------------|---------------------------------------------------------------------------------|----------------------|-------------|
| | | <u>Min.</u> | <u>Max.</u> |
| Piperonyl butoxide 51-03-6 | OSHA (PEL): Not Established ACGIH (TLV): Not Established | 4% | 4% |

Pyrethrum
8003-34-7

OSHA (PEL):
5.00 mg/m3 TWA
ACGIH (TLV):
5.00 mg/m3 TWA

0.33% 0.33%

Distillates, petroleum, hydrotreated light
64742-47-8

OSHA (PEL):
Not Established
ACGIH (TLV):
Not Established

1%

Ethanol
64-17-5

OSHA (PEL):
1,000.00 ppm TWA
1,900.00 mg/m3 TWA
ACGIH (TLV):
1,000.00 ppm TWA
1,880.00 mg/m3 TWA

1%

Section 3: Hazards Identification

EMERGENCY OVERVIEW

WARNING! Flammable. **Color:** Yellow **Form:** Liquid **Odor:** Characteristic

POTENTIAL HEALTH EFFECTS

Route(s) of Entry: Appropriate route of entry:, Topical application to hair

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

Inhalation Hazards

Acute Inhalation Hazards: May cause nose, throat, and lung irritation.

Skin Hazards

Acute Skin Hazards: Based on animal toxicity testing this product is expected to be minimally irritating to the skin.

Eye Hazards

Acute Eye Hazards: Based on animal toxicity testing this product is expected to be minimally irritating to the eyes.

Ingestion Hazards

Acute Ingestion Hazards: This product may cause abdominal pain, nausea and vomiting.

Carcinogenic Components:

NTP:

IARC:

OSHA:

Medical Conditions

Aggravated by Exposure: Do not take this product without first consulting a health professional, if you have any of the following conditions:, Allergic to ragweed

Human Health Effects

This is a pharmaceutical material available without a prescription.

Postnote: Use only as directed.

Section 4: First Aid Measures

First Aid for Eye: In case of contact, flush with copious amounts of water for at least 15 minutes. Get medical attention if irritation develops or persists.

First Aid for Skin: In case of skin contact, wash affected areas with soap and water. Get medical attention if irritation develops or persists.

First Aid for Inhalation: Not applicable.

First Aid for Ingestion: In case of accidental ingestion, contact your regional poison center or physician immediately.

First Aid Other: Stop use and ask a doctor if skin irritation or infestation is present or develops; infestation of eyebrows or eyelashes occurs

Section 5: Fire Fighting Measures

Flash Point: 80.6 °F (27 °C) Setaflash (ASTM D-3243, D-3278, D-3828)

Flammable Limits:

**Upper Explosion Limit
(UEL %):**

**Lower Explosion Limit
(LEL %):**

Extinguishing Media:

Suitable: Water, Carbon Dioxide, Dry Chemical, Foam

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Section 6: Accidental Release Measures

Spill or Leak Procedures: Absorb material and place in appropriate containers for disposal. Prevent from entering open drains and waterways.

Section 7: Handling and Storage

Storage Temperature:

Minimum: 59 °F (15 °C)

Maximum: 86 °F (30 °C)

Shelf Life: Do not use after expiration date.

Special Sensitivity: Store in a cool dry place. Do not expose to light.

Handling/Storage Precautions: Keep this and all drugs out of the reach of children. Avoid contact with eyes. Keep away from heat, sparks and open flames. Do not expose to direct sunlight. Wash thoroughly after handling. Use normal precautions for storage of a drug.

Section 8: Exposure Controls/Personal Protection

Personal Protection Equipment

Eye Protection Requirements: None for normal use.

Skin Protection Requirements: No special skin protection requirements during normal handling and use.

Ventilation Requirements: Under normal conditions of use, special ventilation is not required.

Respirator Requirements: Under normal conditions of use, respiratory protection is not required.

Work Practices: Normal clinical practice. Use good personal hygiene - wash hands and exposed skin thoroughly with soap and water after each use.

Additional Protective Measures: Employers shall provide handwashing facilities which are readily accessible to employees. Educate and train employees in the safe use and handling of this product.

Section 9: Physical and Chemical Properties

Physical Form: Liquid
Color: Yellow
Odor: Characteristic
pH: Approximately 5.8
Boiling Point: Not Applicable
Melting/Freezing Point: Not Established
Solubility in Water: Soluble
Specific Gravity: Not Established
Bulk Density: Not Established
Vapor Pressure: Not Established

Section 10: Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Substances to Avoid: See product packaging for drug interaction.

Conditions to Avoid: None known.

Decomposition Products: None known.

Section 11: Toxicological Information

Toxicity Data for Rid® Shampoo plus Conditioner

Acute oral toxicity: LD50 = > 5,000 mg/kg (Rat)

Acute dermal toxicity: LD50 = > 2,000 mg/kg (Rabbit)

Acute inhalation toxicity: > 1.3 mg/L, (Rat)

> 4 mg/L, (Rat)

Skin Irritation: Minimally irritating to skin of rabbits when applied at 0.5 mL for 24 hours under occlusive patches to the abraded or intact skin. In a human patch test, there was no evidence of skin irritation at 0.15 mL concentration. In a repeated insult (semi-occlusive) patch test in humans, there was no skin irritation.

Sensitization: Rid Lice Shampoo was not a contact sensitizer when applied undiluted, 3 times a week, for 3 weeks to guinea pigs. Rid Lice Shampoo was not a contact sensitizer when applied to humans at 0.15 mL or in a repeated insult patch test.

Toxicity Data for Piperonyl butoxide

Acute oral toxicity: LD50 = 6,150 mg/kg bw (Rat)

Acute dermal toxicity: LD50 = 200 mg/kg bw (Rabbit)

Toxicity Data for Ethanol

Acute oral toxicity: LD50 = > 5,000 mg/kg bw (Rat)

Acute inhalation toxicity: LC50 = 124.7 mg/L, 4 hrs, (Rat)

Eye Irritation: Severely irritating (Rabbit) Draize

Skin Irritation: Moderately irritating 24 hrs, (Rabbit) Draize

Sensitization: Non-sensitizer dermal (Guinea pig) Guinea pig maximization Test

Mutagenicity: Ames, Salmonella typhimurium, with/without, negative

Section 12: Ecological Information

Ecological Data for Rid® Shampoo plus Conditioner

Ecological Note: No data available for this product.

Section 13: Disposal Considerations

Waste Disposal Method: Do not incinerate or puncture container. Waste disposal should be in accordance with existing federal, state and local environmental control laws.

Empty Container Precautions: Wrap container in several layers of newspaper before disposal.

Section 14: Transportation Information

Technical shipping name: contains ethanol and distillates, petroleum, hydrotreated light

Domestic Surface Transportation (DOT)

Proper Shipping Name: Consumer Commodity
Hazard Class or Division: ORM-D
UN/NA Number: NONE
Hazard Label(s): None
Hazard Placard(s): None

Marine Transportation (IMO / IMDG)

Proper Shipping Name: Flammable liquid, n.o.s.
Hazard Class Division Number: 3
UN Number: UN1993
Additional IMO Information: Ltd. Qty.
Packaging Group: III
Hazard Label(s): Flammable Liquid, Flammable Liquid

Air Transportation (ICAO / IATA)

Proper Shipping Name: Consumer Commodity
Hazard Class Division Number: 9
UN Number: ID8000
Subsidiary Risk: None
Hazard Label(s): Miscellaneous
Radioactive?: Non-Radioactive
Passenger Air - Max. Qty.: 25 kg
Passenger Packing Instruction: 910
Cargo Air - Max. Qty.: 25 kg
Cargo Air Packing Instruction: 910

Section 15: Regulatory Information

United States Federal Regulations

OSHA Hazcom Standard Rating: Not subject to OSHA

TSCA Inventory List: This product is exempt from TSCA under Section 3 (2)(B)(vi) when used for pharmaceutical application.

CERCLA Hazardous Substance:

SARA Title III

SARA Section 302 Extremely Hazardous Substances:

SARA Section 311/312 Hazard Categories: Exempt from SARA Section 311/312

SARA Section 313 Toxic Chemicals:

RCRA Status: When discarded in its purchased form, this product meets the criteria of ignitability, and should be managed as a hazardous waste (EPA Hazardous Waste Number D001). (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

State Right-to-Know Information

| <u>Component(s)/ CAS Number</u> | <u>State Code</u> | <u>Concentration</u> | |
|-------------------------------------|-------------------|----------------------|-------------|
| | | <u>Min.</u> | <u>Max.</u> |
| Ethanol 64-17-5 | PA-H, NJ-H, MA-H | 1% | |

State Code Translation Table

PA-H = Pennsylvania Hazardous Substance List
NJ-H = New Jersey Hazardous Substance List
MA-H = Massachusetts Hazardous Substance List

Section 16: Other Information

HMIS Rating

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 3 |
| Reactivity | 0 |

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

*=Chronic Health Hazard

BAYER HEALTHCARE LLC's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS and NFPA ratings are provided by BAYER HEALTHCARE LLC as a customer service.

Contact: Phil Cornejo
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MSDS Number: 000000002521
Version Date: 11/29/2007
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|| Indicates Relevant Change Made.