

**SAFETY DATA SHEET**  
**RID® Shampoo plus Conditioner**

122000006969

Version 2.0

Revision Date 05/21/2015

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**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product information**

**Product Name:** RID® Shampoo plus Conditioner  
**SDS Number:** 122000006969

**Use** : Pediculicide

**Company**

BAYER HEALTHCARE LLC  
Consumer Care  
100 Bayer Boulevard PO Box 915  
Whippany, NJ 07981-0915  
USA  
(800) 743-5423

**In case of emergency:** (800) 331-4536  
Chemtec: (800) 424-9300  
BAYER INFORMATION PHONE:(800) 331-4536 OR (800) 743-5423

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**2. HAZARDS IDENTIFICATION****Emergency Overview**

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**Colour:** yellow **Form:** liquid **Odour:** characteristic.

This is a pharmaceutical material available without a prescription. Use only as directed.

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**GHS Classification:**

**Flammable liquids** : Category 3

**GHS Label element:**

This material is not subject to the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <b>Weight percent</b> | <b>Components</b>  | <b>CAS-No.</b> |
|-----------------------|--------------------|----------------|
| 15 - 40%              | Ethanol pure       | 64-17-5        |
| 4%                    | Piperonyl butoxide | 51-03-6        |

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|         |                         |           |
|---------|-------------------------|-----------|
| 0.66%   | Pyrethrum Extract       | 8003-34-7 |
| 5 - 10% | Ammonium lauryl sulfate | 2235-54-3 |

**Label Ingredients:** Piperonyl butoxide; Pyrethrum Extract; Ammonium laureth sulfate; Fragrances; PEG-25 Hydrogenated Castor Oil; Polyquaternium-10; Water; Ethanol;

**Other Ingredients**

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#### 4. FIRST AID MEASURES

**General advice:** Take off all contaminated clothing immediately.

**If inhaled:** Remove to fresh air. Call a physician immediately.

**In case of skin contact:** If skin irritation persists, call a physician.

**In case of eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**If swallowed:** If swallowed, seek medical advice immediately and show this container or label.

**Contact Number:** Use the Bayer Emergency Number in Section 1

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#### 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 firefighting:** Fire may cause evolution of: Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>)

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

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

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Use adequate ventilation.

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**Methods for cleaning up:** Suppress (knock down) gases/vapours/mists with a water spray jet. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Place in closed containers. Label for proper disposal.

**Additional advice:** Keep away from/remove sources of ignition.

**Further Accidental Release Notes** Keep away from/remove sources of ignition.

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## 7. HANDLING AND STORAGE

**Handling:**

Keep this and all drugs out of the reach of children. Avoid contact with skin, eyes and clothing. Do not expose to light. Use normal precautions for storage of a drug.

Take measures to prevent the build up of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition.

**Storage:**

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

Storage temperature: 59 - 86 °F (15 - 30 °C)

Do not use after expiration date.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ethanol pure (64-17-5)**

US. ACGIH Threshold Limit Values

Short Term Exposure Limit (STEL): 1,000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 1,000 ppm, 1,900 mg/m<sup>3</sup>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 1,000 ppm, 1,900 mg/m<sup>3</sup>

**Pyrethrum Extract (8003-34-7)**

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 5 mg/m<sup>3</sup>

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m<sup>3</sup>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 5 mg/m<sup>3</sup>

**Respiratory protection:**

Recommended Filter type: Organic vapor with prefilter

None required for consumer use of this product.

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### Hand protection:

Chemically resistant gloves.  
None required for consumer use of this product.

### Eye protection:

Safety glasses  
  
None required for consumer use of this product.

### Other protective measures:

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |  |
|------------------------------|--|
| Form:                        | liquid                                 |
| Colour:                      | yellow                                 |
| Odour:                       | characteristic                         |
| Odour Threshold:             | No applicable information is available |
| Melting point:               | No applicable information is available |
| Boiling point/boiling range: | No applicable information is available |
| Density:                     | No applicable information is available |
| Bulk density:                | No applicable information is available |
| Vapour pressure:             | No applicable information is available |
| Viscosity, dynamic:          | No applicable information is available |
| Viscosity, kinematic:        | No applicable information is available |
| Flow time:                   | No applicable information is available |
| Surface tension:             | No applicable information is available |
| Miscibility with water:      | No applicable information is available |
| Water solubility:            | soluble                                |
| pH:                          | ca. 5.8                                |
| Relative density:            | No applicable information is available |
| Partition coefficient:       | No applicable information is available |
| Solubility(ies):             | No applicable information is available |
| Flash point:                 | 80.6 °F (27 °C)                        |
| Flammability (solid, gas):   | No applicable information is available |
| Ignition temperature:        | No applicable information is available |
| Explosion limits:            | No applicable information is available |

Setaflash (ASTM  
D-3243, D-3278,  
D-3828)

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## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** Keep away from open flames, hot surfaces and sources of ignition.

**Materials to avoid:** Oxidizing agents

**Hazardous reactions:** No data available

**Thermal decomposition:**

No data available

**Hazardous decomposition products:**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Oxidizing properties:**

No statements available.

**Impact sensitivity:**

No data available

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## 11. TOXICOLOGICAL INFORMATION

**Other information on toxicity:**

Ethanol pure

Breathing of the fumes may lead to narcotic symptoms.

If inhaled: headaches, Vomiting, Nausea

After absorption of large quantities hypotension, coma, Unconsciousness, respiratory paralysis

**Acute oral toxicity:**

LD50 Rat : > 5,000 mg/kg

**Acute inhalation toxicity:**

LC50 Rat, male: > 1.3 mg/l

LC50 Rat, female: > 4 mg/l

**Acute dermal toxicity:**

LD50 Rabbit: > 2,000 mg/kg

**Skin irritation:**

Rabbit

Result: Mild skin irritation

Human experience

Result: No skin irritation

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**Eye irritation:**

Ethanol pure

Rabbit

Result: Causes eye irritation.

Method: OECD 405

**Sensitisation:**

Skin sensitization guinea pig

Result: Does not cause skin sensitisation.

**Genotoxicity in vitro:**

Ethanol pure

Ames test Salmonella typhimurium

Result: negative

Method: OECD 471

Mouse lymphoma assay

Result: negative

Method: OECD 476

**Genotoxicity in vivo:**

Ethanol pure

Chromosome aberration test in vivo, Mouse

Result: ambiguous

Method: OECD 478

Micronucleus test, Mouse

Result: negative

Method: OECD 474

**Carcinogenicity:**

Ethanol pure

Result: Animal testing did not show any carcinogenic effects.

**Reproductive toxicity:**

Ethanol pure

Application Route: Oral

Mouse: NOAEL: 15%

Result: Animal testing did not show any effects on fertility.

Method: OECD Test Guideline 416

**Teratogenicity:**

Ethanol pure

Application Route: inhalation

Rat: NOAEL: 38 mg/l

Result: Animal studies have produced no evidence of harmful effects on development.

Method: OECD 414

**Pharmaceutic effects:**

Antiparasitic agent

**Carcinogenicity:**

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

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**STOT - single exposure:**

No data available

**STOT - repeated exposure:**

No data available

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## 12. ECOLOGICAL INFORMATION

**General advice:**

Do not allow to enter surface waters or groundwater.

**Toxicity to fish:**

Ethanol pure

LC50 8,140 mg/l

Test species: *Leuciscus idus* (Golden orfe) Duration of test: 48 h

**Toxicity to daphnia and other aquatic invertebrates:**

Ethanol pure

EC50 9,268 - 14,221 mg/l

Test species: *Daphnia magna* (Water flea)

**Toxicity to algae:**

Ethanol pure

Toxic limit concentration 5,000 mg/l

tested on: *Scenedesmus quadricauda* (Green algae)

**Toxicity to bacteria:**

Ethanol pure

Toxic limit concentration 6,500 mg/l

tested on: *Pseudomonas putida*

**Biodegradability:**

Ethanol pure

rapidly biodegradable

**Bioaccumulation:**

Ethanol pure

Bioaccumulation is unlikely.

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## 13. DISPOSAL CONSIDERATIONS

When discarded in its purchased form, this product meets the criteria of ignitability, and should be managed as hazardous waste (EPA Hazardous Waste Number D001). 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)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

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**14. TRANSPORT INFORMATION**

Please note the classifications shown are for bulk shipments. Limited quantities or other exemptions may apply.

**Land transport (CFR)**

**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (contains ETHANOL AND DISTILLATES, PETROLEUM, HYDROTREATED LIGHT)  
**Hazard Class or Division:** 3  
**UN/NA Number:** UN1993  
**Packaging group:** III  
**Hazard Label(s):** Flammable Liquid

**US Sea transport (IMDG)**

**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (contains ETHANOL AND DISTILLATES, PETROLEUM, HYDROTREATED LIGHT)  
**Hazard Class or Division:** 3  
**UN number:** UN1993  
**Packaging group:** III  
**Hazard Label(s):** FLAMMABLE LIQUIDS

**US Air transport (ICAO / IATA cargo aircraft only)**

**Proper shipping name:** CONSUMER COMMODITY  
**Hazard Class or Division:** 9  
**UN/ID Number:** ID8000  
**Packaging group:** None  
**Hazard Label(s):** MISCELLANEOUS

**US Air transport (ICAO / IATA passenger and cargo aircraft)**

**Proper shipping name:** CONSUMER COMMODITY  
**Hazard Class or Division:** 9  
**UN/ID Number:** ID8000  
**Packaging group:** None  
**Hazard Label(s):** MISCELLANEOUS

**International IATA**

**ID Number:** 8000  
**Description of the goods:** CONSUMER COMMODITY  
**Class:** 9  
**Dangerous goods labels:** 9  
**Environmentally hazardous:** yes

**International IMDG**

**UN Number:** 1993  
**Description of the goods:** FLAMMABLE LIQUID, N.O.S. (ETHANOL AND DISTILLATES, PETROLEUM, HYDROTREATED LIGHT)  
**Class:** 3  
**Packaging group:** III  
**IMDG-Labels:** 3  
**Marine pollutant:** yes

## 15. REGULATORY INFORMATION

**Other regulations:** No statements available.

**US. Toxic Substances Control Act** This product is exempt from TSCA under Section 3 (2)(B)(vi) when used for pharmaceutical application.

**Reportable Quantity** 68.79 kg

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

**Components**

None

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

**Components**

Piperonyl butoxide

**US. EPA CERCLA Hazardous Substances (40 CFR 302) Components**

None

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists**

| Weight percent | Components         | CAS-No. |
|----------------|--------------------|---------|
| 3 - 7%         | Piperonyl butoxide | 51-03-6 |

**New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists**

| Weight percent | Components         | CAS-No. |
|----------------|--------------------|---------|
| 3 - 7%         | Piperonyl butoxide | 51-03-6 |

**California Prop. 65**

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

**OSHA Hazcom Standard Rating** Not subject to OSHA

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## 16. OTHER INFORMATION

### Further information

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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