

# Material Safety Data Sheets



## Lice B Gone Material Safety Data Sheet

### SECTION 1 Product, Company and Shipping Information

Trade Name Lice B Gone  
Formula A proprietary blend of water and non-bacterial enzymes from vegetable origin  
Manufacturer Safe Effective Alternatives, Inc., P.O. Box 528  
Belleville, IL 62222-0528 618-236-2727 Fax 2826  
DOT Shipping Name and Class Non-Hazardous Liquid

### SECTION 2 Physical Data

Boiling / Freezing Point Approximately 100 degrees / 0 degrees Centigrade  
Vapor Pressure <1 (water=1)  
Vapor Density Unknown  
Evaporation Rate <1 (water=1)  
Solubility in Water Soluble  
Appearance Orange/brown translucent liquid  
Odor Mild, slightly sweet  
Weight per Gallon Approximately 8.5 lb.

### SECTION 3 Hazardous Ingredients

None

### SECTION 4 Fire and Explosion Data

Flash Point N/A  
Flammable/Explosive Limits N/A  
Extinguishing Methods Water fog, foam, carbon dioxide or dry chemical  
Fire Fighting Instructions Self-contained breathing apparatus and protective clothing should be used.

### SECTION 5 Reactivity Data

Stability Stable  
Hazardous Polymerization Will not occur  
Incompatibility Avoid contact with strong oxidizing agents  
Decomposition Products N/A

### SECTION 6 Health Hazard Data / First Aid Procedures

Eye Contact Direct contact with eyes may be painful and irritating  
Flush eyes immediately with plenty of water.  
Skin Contact Adverse effects are not known to occur. Prolonged contact may cause irritation.  
Flush skin with water. Remove contaminated clothing and clean before reuse.  
Inhalation Adverse affects not known to occur.  
Ingestion If swallowed, give two glasses of water. Rinse mouth and throat thoroughly. Vomiting and/or diarrhea may occur. Seek medical attention if needed.

### SECTION 7 Spills / Leaks / Disposal

If product is released or spilled, flush with water into any acceptable disposal system or dispose in accordance with all applicable federal, state and local health and environmental regulations.  
For disposing of empty container, observe all recommended safeguards until container is cleaned, reconditioned or destroyed.

### SECTION 8 Handling / Storage / Precautions

Store at controlled room temperature in closed containers. Protect from freezing.  
Spilled material is slippery. Wash thoroughly after handling.  
As with most shampoos, do not ingest or get into eyes.

### COMMENTS

Although the information appearing herein is believed to be accurate, Safe Effective Alternatives, Inc. provides no warranty, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data or results obtained of the use thereof. Conditions of use are beyond our control and therefore users must determine whether the product is suitable for their particular purposes or storage situations and they assume all risks of their use, handling and disposal of the product or from the publication of, use of or reliance upon information contained herein. This information relates only to the product designated herein and does not relate to its use in combination with any other material or in any other process. (updated 3/1/99)

*Material Safety Data Sheets (MSDS) are technical explanations and descriptions of products and are provided by manufacturers to authorized individuals requesting them. Unfortunately, many parents, school officials, etc. do not request them because of time and urgency; when a child has head lice, they need to use a product NOW! Often a parent will not even read the directions, let alone wait for the arrival of the sheets. When they are requested and reviewed, it is commonly found that they are long and in many cases, difficult to understand. The tragic result of this is that our children have pesticides applied to their heads and we remain unaware of the true dangers that accompany many of these head lice products.*

To aid you in the discovery of this important information, the MSDS for Lindane Shampoo, Nix and Rid were obtained, reviewed and a brief sampling of their statements and cautions were summarized and are listed below. Knowing the potential dangers to our children and our environment is the first step in making wiser choices to keep pesticides off of our children's heads.

### HEALTH HAZARDS

Lindane Shampoo: Excessive exposure has been reported to show adverse Central Nervous System (CNS) affects.  
Nix: Contact may cause mild to moderate eye and skin irritation. Ingestion and inhalation may cause nervous system effects.  
Rid: Overexposure may cause nausea, vomiting, diarrhea, and irritation to the upper respiratory tract, asthma, rhinitis and allergic dermatitis.

### PERSONAL PROTECTION

Lindane Shampoo: wear chemical resistant gloves and safety glasses  
Nix: wear chemical resistant gloves and safety glasses  
Rid: wear chemical resistant gloves and safety glasses

### SPILL, LEAK and DISPOSAL

Lindane Shampoo: Excessive releases or spills should be collected in sealed containers for hazardous waste disposal.  
Nix: Contaminated materials may be classified as hazardous waste due to the low flashpoint. Keep out of sewage/drainage systems and waterways.  
Rid: Do not contaminate water, food or feed by disposal.

### TOXICOLOGICAL INFORMATION

Nix: Permethrin may cause mild skin irritation and is a mild sensitizer in experimental animals. Exposure to Isopropyl Alcohol in high concentrations may produce symptoms of central nervous system depressions such as headaches, dizziness, drowsiness and incoordination. Very high concentrations may also produce eye, nose and throat irritation.  
Rid: Also contains Isopropyl Alcohol.

### FIRE and EXPLOSION

Lindane Shampoo: Flammable  
Nix: Flammable

### HAZARDOUS INGREDIENTS

Lindane Shampoo: Lindane 1%, Acetone 12%

### SPECIAL PRECAUTIONS

Rid: This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes and estuaries.

### REGULATORY INFORMATION

Nix: Isopropyl Alcohol is listed on the EPA Toxic Substances Control Act Inventory.  
Rid: Also contains Isopropyl Alcohol

### SUMMARY

The MSDS can reveal some startling information. We often think that when a shampoo is purchased from the shelf without a prescription, it is automatically assumed to be safe. As you can see, this is definitely not the case.

We encourage you to review Lice B Gone's MSDS and compare it to the ones of your choice. You will quickly discover that this product is truly a safe and effective alternative.