

Material Safety Data Sheet

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Product Type:

Date of Last Revision: 04/16/90

SHAMPOO, DANDRUFF

-----MANUFACTURER-----

Matrix Essentials, Inc.
30601 Carter Street
Solon, Ohio 44139

Emergency Phone:
CENTREC --- 1-800-424-9300

-----HAZARDOUS INGREDIENTS-----

| COMPONENT | % | OSHA PEL | ACCIH TLV | CAS NUMBER |
|-----------------|------|----------|-----------|------------|
| Zinc Pyrithione | <3.0 | N E | N E | 13463-41-7 |

-----CHEMICAL PROPERTIES-----

Boiling Point: >212 degrees F Specific Gravity: > 1.0
Appearance and Odor: Mint green opaque viscous liquid with
avocado odor.

-----FIRE AND EXPLOSION HAZARD DATA-----

This product is non-combustible. No special procedures are
necessary.

-----REACTIVITY DATA-----

Stability: Stable Polymerization: Will not occur
Conditions to Avoid: None
Materials to Avoid: Strong Acids, Strong oxidizing agents
Hazardous Decomposition or By-products: None

-----HEALTH HAZARD INFORMATION-----

Primary Routes of Exposure: Skin Contact, Ingestion

Acute Health Hazards: Temporary, reversible irritation of
eye and mucous membrane. Zinc pyrithione in a pure form is
toxic; the small amount contained in this product should be
harmless.

Chronic Health Hazards: This product has not been tested as a
whole. One of the ingredients has been shown to cause liver
defects after daily large oral doses in lab animals. Zinc
pyrithione has been shown to be a teratogen. Actrol is not
expected to cause any chronic health hazards under normal usages.
Carcinogenicity: This product has not been tested as a whole,
however none of the ingredients are carcinogenic or suspect-
ed carcinogens by NPT, OSHA, or IARC.

First Aid Procedures:

In case of eye contact: Flush immediately with water for
15 minutes; seek medical attention.
In case of gross ingestion: Drink water, induce vomiting
and seek medical attention.

-----SPILL, LEAK, AND DISPOSAL-----

Spills: Flush affected area thoroughly with water. Smooth surfaces can become slippery and hazardous when a spill occurs.

Waste Disposal Method: Small quantities may be discharged to a sanitary sewer.

Observe precautions and personal protective equipment requirements set forth in the following section.

-----SPECIAL PRECAUTIONS AND PERSONAL PROTECTION-----

Precautions: N/A

Personal Protection: Optional (recommended) eye protection and gloves.

Work Practices: Normal good work and hygienic practices. Wash hands after product use or contact. Keep product separate from all food and beverages.

-----DISCLAIMER-----

The information provided on this Material Safety Data Sheet ("MSDS") is believed by Matrix Essentials, Inc. to be accurate based upon data available at the time the MSDS was prepared. The information on this MSDS is intended to cover the normal and customary use of the product and may not be applicable to all situations or to all individuals. This data sheet does not constitute a warranty of the products it covers.