

# MATERIAL SAFETY DATA SHEET

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## SECTION I. PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **Dove Anti-Dandruff Shampoo – All Variants**  
 MSDS NUMBER: 4249-16  
 CORPORATE ADDRESS: Unilever  
 700 Sylvan Avenue  
 Englewood Cliffs, NJ 07632

PHONE #:	800-782-8301 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #:	800-745-9269 (24 Hours)
POISON CONTROL #:	800-949-7866 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:  
 Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

## SECTION II. HAZARDS IDENTIFICATION

**Warnings: For external use only. When using this product, avoid contact with eyes.** If contact occurs, rinse eyes thoroughly with water.

Stop use and ask a doctor if condition worsens or does not improve after regular use of this product as directed.

**Keep out of reach of children.** If swallowed, get medical help or contact Poison Control Center right away.

EXPOSURE EFFECTS: This is a personal care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and /or swelling upon prolonged or repeated skin contact or eye contact.

HAZARD RATINGS: Health: 0, Fire: 1, Physical Hazards: 0

Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

## SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

Active ingredient(s):

CHEMICAL NAME	CAS NUMBER	% RANGE
Pyrithione Zinc (Anti-Dandruff Agent)	13463-41-7	1%

## SECTION IV. FIRST AID MEASURES

EYE CONTACT: Rinse thoroughly with water.

SKIN CONTACT: Rinse with water.  
 INGESTION: Do not induce vomiting. Drink a glass of milk or water.  
 INHALATION: Move individual to fresh air.  
 NOTE: If symptoms persist, seek medical attention.

### **SECTION V. FIRE FIGHTING MEASURES**

HAZARD CLASSIFICATION: Not flammable  
 FLASHPOINT: Not available, expected to be >140°F/60°C, based on composition  
 EXTINGUISHING MEDIA: Water mist, carbon dioxide, foams or dry chemicals  
 SPECIAL FIREFIGHTING PROCEDURES: Use water spray or fog, direct stream may produce foam  
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen; hydrocarbons & derivatives  
 CONTENTS UNDER PRESSURE: No  
 EXPLOSIVE: No

### **SECTION VI. ACCIDENTAL RELEASE MEASURES**

SPILLS, LEAKS: Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

### **SECTION VII. HANDLING & STORAGE**

HANDLING PRECAUTIONS: No special precautions necessary  
 STORAGE REQUIREMENTS: Store in a dry area at normal temperatures

### **SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Zinc Pyrithione	13463-41-7	N/A	N/A

#### **PERSONAL PROTECTION**

FOR ROUTINE CONSUMER USE: No special precautions necessary  
 FOR INDUSTRIAL ACTIVITIES: Use protective eyewear, gloves, clothing and general ventilation

### **SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Liquid	COLOR:	Bluish
ODOR:	Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	1.0	VAPOR PRESSURE:	Not available
MELTING POINT:	Not available	VISCOSITY:	3000 – 8000 cps
pH:	5 – 7	EVAPORATION RATE:	Not available
PERCENT VOLATILE:	Not available	PERCENT VOC:	Not available

### **SECTION X. STABILITY & REACTIVITY**

STABLE: Yes

HAZARDOUS DECOMPOSITION PRODUCTS: None known  
 INCOMPATIBLE WITH: Strong oxidizers, acids or bases  
 SPECIAL CONDITIONS TO AVOID: Extreme heat  
 CORROSIVE TO STEEL, ALUMINUM: No

## **SECTION XI. TOXICOLOGY INFORMATION**

### **ACUTE EFFECTS**

EYE CONTACT: May cause redness or irritation  
 SKIN CONTACT: Overexposure may cause a skin reaction such as redness  
 INGESTION: May cause nausea, vomiting and diarrhea.  
 RESPIRATORY: Not an expected route of exposure

**CHRONIC EFFECTS:** None expected

### **CARCINOGEN CLASSIFICATIONS**

NTP: None  
 IARC: None  
 OSHA: None

## **SECTION XII. ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.

## **SECTION XIII. DISPOSAL CONSIDERATIONS**

RCRA: Non-hazardous waste pursuant to federal standards. Does not meet the federal characteristic definition of ignitable, corrosive, reactive or toxic. Not listed in 40 CFR § 261.33.  
 Disposal should be in accordance with all applicable local, state and federal regulations.

## **SECTION XIV. TRANSPORT INFORMATION**

FOR NON-BULK SHIPMENTS ONLY	DOMESTIC - ALL MODES (US DOT)	INTERNATIONAL - AIR (IATA/ICAO)	INTERNATIONAL - WATER (IMO/IMDG)
PROPER SHIPPING NAME:	Not regulated	Not regulated	Not regulated
HAZARD CLASS:	“	“	“
UN/ID #:	“	“	“
PACKING GROUP:	“	“	“
LABEL REQUIRED:	“	“	“

EMERGENCY GUIDE NUMBER: Not applicable  
 DOT HAZARDOUS SUBSTANCE RQ: None/no reportable quantities  
 DOT MARINE POLLUTANTS: None/no reportable quantities  
 IATA FORBIDDEN SUBSTANCES: None/no reportable quantities

## **SECTION XV. REGULATORY INFORMATION**

TSCA: All components of this product comply with TSCA inventory listing requirements

RCRA: See Section XIII. Disposal Considerations  
 CAA HAPS or Ozone Depletors: None/no reportable quantities  
 CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities  
 CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities  
 CERCLA/SARA 313 Emissions Reporting: Zinc compounds (N982), 1.0 % de minimis concentration  
 CA 22 CCR Hazardous Wastes: Zinc compounds  
 CA Proposition 65 Listed Chemicals: None/no reportable quantities  
 IL, MA, NJ, PA, RI State RTK & Hazardous Notifications: Zinc compounds - MA, NJ, PA

## **SECTION XVI. OTHER INFORMATION**

### LEGEND:

ACGIH	American Conference of Governmental & Industrial Hygienists	N/A	Not Applicable
CAA	Clean Air Act	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
IARC	International Agency for the Research of Cancer	TLV	Threshold Limit Value
IATA	International Air Traffic Association	TSCA	Toxic Substances Control Act
ICAO	International Civil Aviation Organization	TWA	Time Weighted Average
IMDG	International Maritime Dangerous Goods	TCLP	Toxicity Characteristic Leaching Procedure
IMO	International Maritime Organization	VOC	Volatile Organic Compounds

Unilever  
 Regulatory Affairs  
 40 Merritt Boulevard  
 Trumbull, CT 06611

Formulation Date & Clearance: 83160632-2, 11/8/2010, 77427  
 MSDS Date: 1/19/2011 1:21 PM

The information contained in this MSDS is based on data which is believed to be accurate. While Unilever believes that the data contained herein comply with 29 CFR 1910.1200, they are not to be taken as a warranty or representation for which Unilever assumes legal responsibility. They are offered solely for your consideration and verification. This MSDS is not prepared for consumer use.