

Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name **Enforcer Flea & Tick Shampoo for Pets II**
Product code **EPS16**
Date of issue **9/10/2013** **Supersedes Not available.**
 EPA Registration Number: 1021-1723-40849

Emergency Telephone Numbers

For MSDS Information:
 Compliance Services 404-352-1680

For Medical Emergency
 (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
 CHEMTREC: (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared By
 Compliance Services
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

WARNING



CAUSES EYE IRRITATION. VAPOR HARMFUL.

Combustible liquid. May be harmful if swallowed. Severely irritating to the eyes and skin. Keep away from heat, sparks and flame. Do not breathe vapor or mist. Do not ingest. Do not get in eyes. Wash thoroughly after handling.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Inhalation.

Eyes Causes eye irritation. If splashed in the eyes, the liquid may cause irritation and reversible damage. Inflammation of the eye is characterized by redness, watering and itching.

Skin May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Harmful by inhalation. Exposure can cause coughing, chest pains and difficulty in breathing.

Ingestion Exposure can cause stomach pains, vomiting and diarrhea.

Chronic effects Not available.

Carcinogenicity Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ammonium dodecyl sulphate	2235-54-3	1 - 10
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	1 - 3
2,2'-iminodiethanol	111-42-2	< 0.5

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

Inhalation Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point Closed cup: 71.111°C (160°F)
[Tagliabue.]

Flammable Limits Not available.

Flammability Not available.

Fire hazard Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Fire-Fighting Procedures Use dry chemical, CO₂, water spray (fog) or foam.

Section 6. Accidental Release Measures

Spill Clean up Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and Storage

Handling Do not get in eyes, on skin or on clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Wash contaminated clothing before reusing.

Storage Store in a dry, cool and well-ventilated area. Keep only in original container. Do not reuse container. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

2,2'-iminodiethanol

Exposure limits

OSHA PEL 1989 (United States, 3/1989).

TWA: 3 ppm 8 hours.

TWA: 15 mg/m³ 8 hours.

NIOSH REL (United States, 1/2013).

TWA: 3 ppm 10 hours.

TWA: 15 mg/m³ 10 hours.

ACGIH TLV (United States, 3/2012). Absorbed through skin.

TWA: 1 mg/m³ 8 hours. Form: Inhalable fraction and vapor

Personal Protective Equipment (PPE)

Eyes Splash goggles. Face shield.
Ready-For-Use mixture: No special protection is required.



Body No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State Liquid.

Color Blue/green

pH 8

Odor Not available.

Boiling Point Not available.

Vapor Pressure Not available.

Specific Gravity 1.07

Vapor Density Not available.

Solubility Easily soluble in the following materials: cold water and hot water.

Evaporation Rate Not available.

VOC (Consumer) 0.96 % (w/w) Not determined.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Not available.

Hazardous Polymerization Under normal conditions of storage and use, hazardous polymerization will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Acute Toxicity**

2,2'-iminodiethanol LD50 Oral Rat - Female 680 to 1100 mg/kg -

Section 12. Ecological Information**Aquatic Ecotoxicity**

2,2'-iminodiethanol	-	Acute EC50 12 mg/l Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata	96 hours
	-	Acute LC50 28800 µg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 2150 µg/l Fresh water	Daphnia - Water flea - Daphnia pulex	48 hours
	-	Acute LC50 100 mg/l Fresh water	Fish - Fathead minnow - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Not available.

Section 14. Transport Information

Regulatory information **UN number** **Proper shipping name** **Classes** **PG*** **Label**

DOT Classification	Not regulated. Combustible liquid, n.o.s. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials.	-	-	-	
TDG Classification	Not available.	Not available.	Not available.	-	
IMDG Class	Not available.				

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations**California Prop 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

Canada**WHMIS (Canada)**

Not determined.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*