

Material Safety Data Sheet

Revised: April 12, 2005

Section 1: Product and Company Identification

Product name: DeFlea Pet & Area Spray
Chemical name: Proprietary mixture
Chemical family: flea, tick, lice and mite shampoo
Chemical formula: Proprietary mixture
Product codes: 11011, 11012, 11014, 11032, 111035, 11037
Manufacturer: Natural Chemistry Inc. - Pet Care Line
 CANADA: 17 Trent Drive, Trent Hills, ON Canada K0L 1L0
 USA: 76 Progress Drive, Stamford, CT U.S.A. 06902
Emergency phone: 800-668-7760
Fax number: 705-653-5445
EPA Registration No. 45729-4
EPA Est. 46270-NY-1

Section 2: Composition/Information on Ingredients

CAS No. <input type="checkbox"/>	Chemical Name <input type="checkbox"/>	% wt. <input type="checkbox"/>	OSHA
577-11-7 <input type="checkbox"/>	Dioctyl sulfosuccinate, sodium salt <input type="checkbox"/>	2.1 <input type="checkbox"/>	Hazard
112-38-9 <input type="checkbox"/>	undecylenic acid <input type="checkbox"/>	0.5 <input type="checkbox"/>	Hazard
<input type="checkbox"/>	inactive ingredients <input type="checkbox"/>	balance	

Section 3: Hazards Identification

CAUTION Harmful if absorbed through skin. Causes moderate eye irritation.

Section 4: First Aid Measures

If in eyes, - hold eye open and rinse slowly and gently with water for 1-2 minutes.
 - remove contact lenses, if present, before rinsing.
If on skin, - take off contaminated clothing.
 - rinse skin immediately with plenty of water for 15-20 minutes.

Section 5: Fire Fighting Measures

Unlikely to contribute to a fire.
Unusual Fire and Explosion Hazard: None

Section 6: Accidental Release Measures

Vacuum or absorb material and place into a suitable disposal container.
Prevent waterway contamination.

Section 7: Handling & Storage

Store in a cool dry place out of reach of children.
Keep tightly closed.
Avoid contact with skin, eyes or clothing.
Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Section 8: Industrial Exposure Controls/Personal Protection in the Work Place

Engineering Controls:

Ventilation: Viscous liquid unlikely source of airborne contamination

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Section 9: Physical and Chemical Properties

Physical State:	<input type="checkbox"/>	emulsion
Appearance:	<input type="checkbox"/>	pale mint green, opaque, viscous fluid
Odor:	<input type="checkbox"/>	mild organic odor
pH:	<input type="checkbox"/>	7.6
Vapor Pressure:	<input type="checkbox"/>	<760mm
Evaporation Rate:	<input type="checkbox"/>	<1 Butyl Acetate = 1
Viscosity:	<input type="checkbox"/>	viscous
Boiling Point:	<input type="checkbox"/>	not available
Freezing/Melting Point:	<input type="checkbox"/>	not available
Decomposition Temperature:	<input type="checkbox"/>	n.a.
Solubility:	<input type="checkbox"/>	dispersible
Specific Gravity/Density:	<input type="checkbox"/>	1.008

Section 10: Stability and Reactivity

Stability:	<input type="checkbox"/>	Stable
Materials to Avoid:	<input type="checkbox"/>	Strong oxidents, strong acids and bases
Hazardous Decomposition Products:	<input type="checkbox"/>	CO, CO ₂ , sulfur oxides, sodium oxide
Hazardous Polymerization:	<input type="checkbox"/>	no

Section 11: Toxicological Information

Inhalation - LC50 Rats > 3.2mg/L, Tox category IV, core: A

Eyes - mildly irritating, rabbits, Tox category IV, core: A

Dermal - mild irritant, rabbits, Tox category IV, core: A

Oral - Tox category IV, cited

Core: Core Grade: A = Acceptable S = Supplementary
 U = Unacceptable V = Self-validated

Carcinogenicity - not listed by ACGIH, IARC, NIOSH, NTP, or OSHA

Section 12: Ecological Information

112-38-9, undecylenic acid, is slightly toxic to Daphnia magna (24hr EC33mg/l). No other data found.

Section 13: Disposal Considerations

Do not reuse empty container. Rinse container and offer for recycling.

In large quantities and industrial settings, may allow evaporation and burn remainder in a chemical incinerator equipped with an afterburner & scrubber. Consult applicable federal, state & local regulations.

Section 14: Transportation Information

May be shipped normally as a non-hazardous material in USA.

Section 15: Regulatory Information

TSCA - Components of this product are listed on the TSCA inventory.

Clean Water Act: n.a.

OSHA: 112-38-9, undecylenic acid, is listed as an Immediate (Acute) Health hazard under SARA Rules (40 CFR Part 370)

STATE - Dioctyl sodium sulfosuccinate is not present on state lists from CA, PA, MN, MA, FL, or NJ)

California No Significant Risk Level: None of the chemicals in this product are listed.

CANADA CAS# 577-11-7 is listed on Canada's DSL List. CAS# 577-11-7 is listed on Canada's Ingredient Disclosure List.

Section 16: Other Information

Natural Chemistry Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. Natural Chemistry Inc. makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Natural Chemistry Inc, will not be responsible for damages resulting from use of or reliance upon this information.

MSDS are intended as a tool for hazard evaluation within the work place. Judgement should be exercised in extrapolating MSDS data to the community environment and to use as intended by the general public.

Authorized by: phone number - 800-668-7760