

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078915020

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078847360

**MATERIAL SAFETY DATA SHEET**  
**QuickDerm Wound Spray**

VetCare, Inc.  
PO Box 94033  
Southlake, TX 76092

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION**

**SECTION 1.1 Identification of the Substance or Preparation**

**SUBSTANCE IDENTIFICATION:** QuickDerm Wound Spray (QDWS)  
**CHEMICAL NAME:** None, substance is a mixture  
**CAS NUMBER:** None, substance is a mixture  
**EINECS NUMBER:** None, substance is a mixture  
**OTHER IDENTIFICATION MEANS:** None

**SECTION 1.2 Use of the Substance or Preparation**

QuickDerm Wound Spray is a liquid intended for use in dressing wounds in veterinary applications.

**SECTION 1.3 Emergency Telephone**

901-277-9001

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

QDWS is a mixture of inorganic and organic salts, water, benzoic acid, and a citrate buffer in a polyethylene glycol ointment.

**SECTION 3 HAZARDS IDENTIFICATION**

QDWS is not a dangerous substance according to the classification rules in Directives 67/548/EEC or 1999/45/EC.

**SECTION 3.1 Emergency Overview**

QDWS is an aqueous, clear liquid packaged in spray bottles. Due to its water content, QDWS is not likely to catch fire and burn, if exposed to ignition sources such as an open flame.

**SECTION 3.2 Potential Health Effects By Route Of Exposure**

**Chronic (Cancer):** QDWS and the ingredients from which it is formulated are not listed in lists of carcinogens published by IARC, NTP or OSHA.

**Conditions Aggravated:** Data are not available.

## **SECTION 3.2      Potential Health Effects By Route Of Exposure (cont'd)**

Eye:	If gotten into the eye, QDWS may burn and irritate the eye, causing redness and watering.
Ingestion:	Ingestion of small amounts, e.g. 1 or 2 grams or less, of QDWS Ointment is not likely to be harmful.
Inhalation:	Data not available.
Skin Absorption:	Data not available.
Skin Contact:	Repeated handling of QDWS may irritate skin.

## **SECTION 4      FIRST AID MEASURES**

### **SECTION 4.1      First Aid Procedures**

Eye:	Flush with water to remove. Get medical help if irritation persists.
Inhalation:	Remove to fresh air. Get medical help if severe coughing or breathing difficulty occurs.

## **SECTION 5      FIRE FIGHTING MEASURES**

### **SECTION 5.1      Flammable Properties**

Due to its water content, QDWS is not expected to catch fire and burn if exposed to ignition sources such as an open flame.

### **SECTION 5.2      Explosion Properties**

QDWS is not an explosion hazard.

### **SECTION 5.3      Extinguishing Media**

Although burning QDWS is unlikely (see Section 5.1), water is effective to extinguish burning QDWS. Other extinguishing methods may be used as deemed appropriate. No extinguishing method is known to be unsafe for use with QDWS.

### **SECTION 5.4      Fire-fighting Instruction**

Keep personnel removed from and upwind of fire. Wear appropriate fire-fighting gear and respiratory protection.

## **SECTION 6      ACCIDENTAL RELEASE MEASURES**

Collect for recovery or disposal. Other than gloves, special personal or environmental precautions are not necessary.

## **SECTION 7      HANDLING AND STORAGE**

### **SECTION 7.1      Handling**

Use equipment and practices appropriate for large, heavy items. Special precautions are not necessary.

### **SECTION 7.2      Storage**

Store in cool, dry location away from heat sources, sparks, and open flames.

## **SECTION 8      EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **SECTION 8.1              Exposure Limit Values**

Data not available.

### **SECTION 8.2              Exposure Controls**

#### **SECTION 8.2.1              Occupational Exposure Controls**

Minimize practices that expose QDWS, in large amounts, to unprotected skin.

##### **SECTION 8.2.1.1              Respiratory Protection**

Respiratory protection measures are not known for routine handling of QDWS.

##### **SECTION 8.2.1.2              Hand Protection**

Wear gloves to minimize potential irritation from handling QDWS, in bulk. Wash hands to remove any spray that may contact hands while using QDWS.

##### **SECTION 8.2.1.3              Eye Protection**

Wear safety glasses or goggles when handling QDWS, in bulk, to reduce risk of contact with eyes.

##### **SECTION 8.2.1.4              Skin Protection**

Outer garments may be desirable to protect personal apparel when handling QDWS, in bulk.

#### **SECTION 8.2.2              Environmental Exposure Controls**

Special environmental exposure controls are not known.

## **SECTION 9      PHYSICAL AND CHEMICAL PROPERTIES**

### **SECTION 9.1              General Information**

Appearance:              QDWS is a clear liquid.

### **SECTION 9.2              Important Health, Safety and Environmental Information**

Boiling Point (760 mmHg):	≥ 100°C
Evaporation Rate (Butyl Acetate = 1):	Not known
Flash Point (Method Used):	Not known
Melting Point:	≤ 0°C
pH:	@ 5.5
Solubility in Water:	Soluble
Specific Gravity (H <sub>2</sub> O = 1):	~ 1
Vapor Density (Air = 1):	Not known
Vapor Pressure (mmHg at 20°C):	Not known

### **SECTION 9.3              Other Information**

Ignition Temperature: Not known.

Minimum Explosive Concentration: Not known.

Thermal Decomposition: Not known.

## **SECTION 10 STABILITY AND REACTIVITY**

### **SECTION 10.1 Conditions to Avoid**

None are known.

### **SECTION 10.2 Materials to Avoid**

Open flames.

### **SECTION 10.3 Hazardous Decomposition Products**

Chemical Stability: QDWS is stable

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur

## **SECTION 11 TOXICOLOGICAL INFORMATION**

Information is available upon request.

## **SECTION 12 ECOLOGICAL INFORMATION**

### **SECTION 12.1 Ecotoxicity**

No data are available.

### **SECTION 12.2 Mobility**

No data are available.

### **SECTION 12.3 Persistence and Biodegradability**

No data are available.

### **SECTION 12.4 Bioaccumulative Potential**

No data are available.

### **SECTION 12.5 Other Adverse Effects**

No data are available.

## **SECTION 13 DISPOSAL CONSIDERATIONS**

## EUROPEAN UNION

QDWS does not have the properties of a hazardous waste (Council Directive 94/31/EC), and it may be disposed in Member Countries according to Council Directive 75/442/EEC, as amended.

## UNITED STATES

QDWS is not a hazardous waste, and it may be landfilled or incinerated in accordance with federal, state and local requirements.

## SECTION 14 TRANSPORT INFORMATION

The U. S. Department of Transportation does not regulate QDWS as a hazardous material.

## SECTION 15 REGULATORY INFORMATION

Regulatory information is provided as a service to our customers. This information may not address all applicable local, state, national and international regulations. The customer is responsible to determine regulatory information that is relevant to their usage of this product. If further assistance is needed, contact your QDWS Sales representative.

### SECTION 15.1 Inventories

QDWS is a mixture; and, as such, is not required to be included in United States or International inventories of chemical substances. QDWS is formulated from ingredients that are identified in United States (TSCA Chemical Substance Inventory) and international (Canadian DSL and EINECS) inventories of chemical substances.

### SECTION 15.2 U.S. Federal Regulations

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT OF 1980 (CERCLA), also called "SUPERFUND":

QDWS is not a designated hazardous substance (40 CFR 302.4), and there are no reportable quantities (40 CFR 302.5) for its releases. Therefore, any QuickDerm releases to the environment are not subject to CERCLA notification requirements (40 CFR 302.6).

SOLID WASTE DISPOSAL ACT/RESOURCE CONSERVATION AND RECOVERY ACT (RCRA):

QDWS is not hazardous waste. It does not have characteristics of ignitability (40 CFR 261.21), corrosivity (40 CFR 261.22), or reactivity (40 CFR 261.33); and based on knowledge of its composition, it should not exhibit the toxicity characteristic (40 CFR 261.24). Furthermore, QDWS is not included among the lists of hazardous wastes at 40 CFR Part 261, Subpart D.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

TITLE III - EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW

Subtitle A - Emergency Planning and Notification

Sec. 302. Substances and facilities covered and notification

QDWS is not included in the List Of Extremely Hazardous Substances and Their Threshold Planning Quantities (40 CFR Part 355, Appendices A and B).

Subtitle B - Reporting Requirements

Sec. 311. . Material safety data sheets (MSDS)

A MSDS may be required to be available for QDWS. (See OSHA below) If so, and if QDWS exceeds threshold levels (40 CFR 370.20(b)), this MSDS may be subject to MSDS reporting regulations at 40 CFR 370.21.

Sec. 312. Emergency and hazardous chemical inventory forms

A MSDS may be required to be available for QDWS. (See OSHA below.) If so, and if QDWS exceeds threshold levels (40 CFR 370.20(b)), QuickDerm may be subject to Inventory reporting regulations at 40 CFR 370.25.

Sec. 313. Toxic chemical release forms

QDWS is exempt from Toxic Chemical Release Reporting and Supplier Notification Requirements (40 CFR, Part 372, Subparts B and C, respectively). QDWS is not included in the Specific Toxic Chemical Listings (40 CFR, Subpart D) to which release reporting and supplier notification requirements apply. Furthermore, chemicals included in the Specific Toxic Chemical listings that might appear as impurities in QDWS will be present at or below *de minimus* concentrations (40 CFR 372.38).

OCCUPATIONAL SAFETY AND HEALTH ACT:

OSHA Hazard Communication Standard (29 CFR 1910.1200) may require that a Material Safety Data Sheet (MSDS) be available for QDWS.

**SECTION 15.3 U.S. State Regulations**

CALIFORNIA PROPOSITION 65:

QDWS and the ingredients from which it is formulated are not included in the list of chemicals known to California to cause cancer or reproductive toxicity.

**SECTION 16 OTHER INFORMATION**

To the best of our knowledge, the information contained herein is accurate. However, VetCare, Inc. makes no warranties or representations concerning the information in this document.

**VERSION:** FIRST      **DATE PREPARED:** June, 2011



# MATERIAL SAFETY DATA SHEET

## QuickDerm Wound Spray

VetCare, Inc.  
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Inhalation:      Data not available.  
Skin Absorption:      Data not available.  
Skin Contact:      Repeated handling of QDWS may irritate skin.

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Although burning QDWS is unlikely (see Section 5.1), water is effective to extinguish burning QDWS. Other extinguishing methods may be used as deemed appropriate. No extinguishing method is known to be unsafe for use with QDWS.

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### **SECTION 8.1          Exposure Limit Values**

Data not available.

### **SECTION 8.2          Exposure Controls**

#### **SECTION 8.2.1      Occupational Exposure Controls**

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Special environmental exposure controls are not known.

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Appearance:      QDWS is a clear liquid.

### **SECTION 9.2          Important Health, Safety and Environmental Information**

Boiling Point (760 mmHg):       $\geq 100^{\circ}\text{C}$   
Evaporation Rate (Butyl Acetate = 1):      Not known  
Flash Point (Method Used):      Not known  
Melting Point:       $\leq 0^{\circ}\text{C}$   
pH:      @ 5.5  
Solubility in Water:      Soluble  
Specific Gravity ( $\text{H}_2\text{O} = 1$ ):       $\sim 1$   
Vapor Density (Air = 1):      Not known  
Vapor Pressure (mmHg at 20 °C):      Not known

### **SECTION 9.3          Other Information**

Ignition Temperature:      Not known.

Minimum Explosive Concentration:      Not known.

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None are known.

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No data are available.

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