

## **SAFETY DATA SHEETS**

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

078323084

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

078021315 078021323 078021331 078021349 078021356 078021364 078021372 078021380 078021398 078021406  
078021414 078021422 078021448 078021455 078021463 078021471 078021489 078300953 078335653 078398756  
078427864 078739581 078739847

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078081939 078081947 078083517

**SDS****Safety Data Sheet****JorVel™****Sutures in Isopropanol (30ml in Cassettes)**

Product Code: J0091C Catgut and J0091 Braunamid

Submission Date: 06/26/15

Jorgensen Laboratories, Inc.  
Veterinary Specialties  
1450 N. Van Buren  
Loveland, CO. 80538

24 Hour Emergency Telephone:

INFOTRAC: (800)535-5053

All non-emergency questions may be directed to customer service @ (970)669-2500 or fax (970)663-5042

**2 Hazards identification**

Description of special hazards for human health and environment

Highly flammable.

Irritating to eyes.

Vapours may cause drowsiness and dizziness.

**3 Composition/information on ingredients**

Chemical characterization (preparation)

Suture material in cassette-packs with 30 ml isopropanol

**Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
200-661-7	67-63-0	Propan-2-ol	30 ml %	F, Xi R11-36-67

Full text of each relevant R phrase can be found in heading 16.

**4 First aid measures****General information**

No hazards which require special first aid measures.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

**After contact with skin**

Wash with water and soap as a precaution.

**After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting.

Induce vomiting only upon the advice of a physician.

Rinse mouth.

Consult a physician.

## **5. Fire-fighting measures**

### **Suitable extinguishing media**

Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

### **Extinguishing media which must not be used for safety reasons**

Full water jet

### **Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Fire may produce:

Carbon monoxide and carbon dioxide.

### **Special protective equipment for fire-fighters**

In case of fire, wear suitable respiratory equipment with positive air supply.

Protective suit

### **Additional information**

Cool containers at risk with water spray jet.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## **6. Accidental release measures**

### **Personal precautions**

In case of vapour formation use respirator.

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

### **Methods for cleaning up/taking up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

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## **7. Handling and storage**

### **Handling**

#### **Advice on safe handling**

When using, do not eat, drink or smoke. Do not breathe vapours. Avoid contact with skin, eyes and clothing.

#### **Advice on protection against fire and explosion**

Keep product and empty container away from heat and sources of ignition.

### **Storage**

#### **Requirements for storage rooms and vessels**

Protect against direct sun radiation.

@N07.00312000

#### **Advice on storage compatibility**

Incompatible with oxidizing agents.

#### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**Storageclass (VCI)** 3 A Obtained by Global Safety Management, www.globalsafetynet.com, (877) 683-7460

**8. Exposure controls/personal protection****Exposure limit values****Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
	Propan-2-ol	500	1250		STEL (15 min)	WEL

**Additional advice on control parameters**

Ensure adequate ventilation, especially in confined areas.

**Exposure controls****Protective and hygiene measures**

When using, do not eat, drink or smoke.

Do not inhale vapours.

**Respiratory protection**

Not required.

**Hand protection**

Rubber gloves

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Not required.

**Skin protection**

Not required.

**9. Physical and chemical properties****General information**

Physical state	Liquid
Colour	Clear
Odour	Alcoholic

**Important health, safety and environmental information**

	Test method
<b>Changes in the physical state</b>	
Melting point	- 89 °C *)
Boiling point	82 °C *)
Flash point	12 °C *)
<b>Flammability</b>	
Lower explosion limits	2 vol. % *)
Upper explosion limits	*)
Ignition temperature	n.a.
Vapour pressure :	43 hPa *)
at (20 °C)	
Density (at 20 °C) :	0,78 g/cm <sup>3</sup> *)
Water solubility :	Miscible *)
at (20 °C)	

Obtained by Global Safety Management, www.globalsafety.net.com, (877) 683-7460

\*) All data refer to the solution

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## **10. Stability and reactivity**

### **Conditions to avoid**

To avoid thermal decomposition, do not overheat.  
Heating can release vapours which can be ignited.

### **Materials to avoid**

Oxidizing agents.

### **Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

### **Additional information**

No decomposition if stored and applied as directed.

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## **11. Toxicological information**

### **Empirical data on effects on humans**

Irritating to eyes.

Vapours may cause drowsiness and dizziness.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

May cause irritation of the mucous membranes.

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

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## **12. Ecological information**

### **Further information**

Do not flush into surface water or sanitary sewer system.

Ecological injuries are not known or expected under normal use.

Slightly water hazardous.

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## **13. Disposal considerations**

### **Advice on disposal**

Can be landfilled or incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

### **Waste disposal number of waste from residues/unused products**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH  
(except kitchen and restaurant wastes not arising from immediate health care); wastes from  
natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of  
or containing dangerous substances  
Classified as hazardous waste.

### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

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## **14. Transport information**

Prepared by Global Safety Management, [www.globalsafety.net](http://www.globalsafety.net), (877) 683-7460

**Land transport (ADR/RID)**

ADR/RID class	3
Classification code :	F1
Hazard-no.	33
UN number	1219
Hazard label	3
ADR/RID packing group	II
Limited quantity :	LQ 4

**Description of the goods**

Isopropanol

**Other applicable information (land transport)**

LQ 4: combination packaging: 3 I / 30 kg (total gross mass); trays: 1 I / 20 kg (total gross mass).

**Inland waterways transport****Marine transport**

IMDG code	3
UN number	1219
Marine pollutant	No
EmS	F-E; S-D
Limited quantity :	1 L / 30 kg
IMDG packing group	II
Hazard label	3

**Description of the goods**

ISOPROPANOL

**Other applicable information (marine transport)**

Limited quantities (chapter 3.4): combination packaging: 1 I / 30 kg (total gross mass); trays: 1 I / 20 kg (total gross mass)

**Air transport**

ICAO/IATA-DGR	3
UN/ID number	1219
Hazard label	3
IATA-packing instructions - Passenger	305
IATA-max. quantity - Passenger	5 L
IATA-packing instructions - Cargo	307
IATA-max. quantity - Cargo	60 L
ICAO packing group	II
Limited quantity Passenger	Y305 / 1 L

**Description of the goods**

ISOPROPANOL

**15. Regulatory information****Labelling**

Additional advice on labelling

According to EC-rules and correspondent national legislation, this product, being a ready medicine, is not subject to mandatory identification.

**National regulatory information**

Water contaminating class (D)

1 - slightly water contaminating

1999/13/EC (VOC)

30 ml

Obtained by Global Safety Management, www.globalsafetynet.com, (877) 683-7460

## **16. Other information**

### **Full text of R-phrases referred to under sections 2 and 3**

- 11 Highly flammable.
- 36 Irritating to eyes.
- 67 Vapours may cause drowsiness and dizziness.

### **Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

# MATERIAL SAFETY DATA SHEET

VEDCO, Inc.

Phone No. (816) 238-8840

Page 1 of 2

5503 Corporate Drive, St. Joseph, MO 64507

TranquiVed Injection, 20 mg/mL xylazine

MSDS Date: 1/14/98 (Original)

5/17/2011 (Revised)

**Product Name:** TranquiVed Injection, 20 mg/mL xylazine

## 1. INGREDIENTS: (% w/w), unless otherwise noted

COMPONENT	CAS#	%	EXPOSURE LIMITS, ppm	
			OSHA PEL	ACGIH TLV (mg/m <sup>3</sup> )
Xylazine hydrochloride	23076-35-9	2	Not established (NE)	

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Only those ingredients composing  $\geq 1\%$  ( $\geq 0.1\%$  for carcinogens or suspect carcinogens) of the formula (w/w) and which have been identified as hazards are listed.

## 2. PHYSICAL DATA:

APPEARANCE: Liquid

COLOR: Colorless

ODOR: None

Other physical data have not been determined.

pH: 4.5-5.5

SPECIFIC GRAVITY: 1.0035-1.0065

## 3. FIRE AND EXPLOSION HAZARD DATA:

This has not been evaluated.

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder, or foam.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 4. REACTIVITY DATA:

This has not been evaluated. The product is stable under normal storage conditions. Exposure to sunlight should be avoided.

## 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Mop up and wash down area with water.

DISPOSAL METHOD: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

## 6. HEALTH HAZARD DATA:

EYES: This product may be absorbed through the conjunctiva.

SKIN: This product may be absorbed dermally.

RESPIRATORY: This product may be absorbed after inhalation.

INGESTION: This product may be absorbed after oral consumption.

EFFECTS: The effects of exposure resulting from absorption may include depression of respiration and a decrease in blood pressure.

SYMPTOMS: A person that has absorbed this product or through accidental parenteral injection has been exposed may experience some or all of the following: fatigue with ptosis (falling), muscle relaxation, decreased sensitivity to pain, pronounced dryness of mouth, paleness of skin.

# MATERIAL SAFETY DATA SHEET

VEDCO, Inc.

Phone No. (816) 238-8840

Page 2 of 2

5503 Corporate Drive, St. Joseph, MO 64507

TranquiVed Injection, 20 mg/mL xylazine

MSDS Date: 1/14/98 (Original)

5/17/2011 (Revised)

## 7. FIRST AID:

EYES: Flush with copious amounts of water for at least 15 minutes.

SKIN: Wash with soap and water.

INGESTION: Give liquids if conscious, induce vomiting, repeat until clear.

RESPIRATION: Move to fresh air. Provide artificial respiration if needed.

Seek medical attention immediately if excessive exposure occurs. A physician or a poison control center should be consulted.

## 8. HANDLING PRECAUTIONS:

During manufacturing or handling of liquid wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles and outer protective clothing.

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Exercise reasonable care and caution.

## REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSDS for health and safety information.

**U.S. REGULATIONS: SARA HAZARD CATEGORY:** This product has been reviewed according to the federal EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to be exempt from reporting requirements. Nevertheless, potential reporters should check with their state emergency response commissions to determine if this product must be reported under applicable state requirements.