

## SAFETY DATA SHEETS

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

075488572

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

075488580 273000509 273000510

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Identifier:</b> DisCide Ultra Disinfecting Spray		<b>Product P/N:</b> 3565G, 3565Q, 3564	<b>WHMIS Classification:</b> Class B
<b>Product Use:</b> For disinfecting surfaces			<b>EPA#:</b> 10492-5
<b>Manufacturer's Name:</b> Palmero Health Care		<b>Supplier's Name:</b> Palmero Health Care	
<b>Street Address:</b> 120 Goodwin Place		<b>Street Address:</b> 120 Goodwin Place	
<b>City:</b> Stratford	<b>State:</b> CT	<b>City:</b> Stratford	<b>State:</b> CT
<b>Postal Code:</b> 06615	<b>Emergency Telephone:</b> 800-255-3924	<b>Postal Code:</b> 06615	<b>Emergency Telephone:</b> 800-255-3924
<b>Date MSDS Prepared:</b> 5/20/2013	<b>MSDS #:</b> 150	<b>MSDS Prepared By:</b> BD	<b>Phone Number:</b> 203-377-6424

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Ingredients (specific):	%	CAS Number	PEL	TLV
Isopropyl Alcohol	63.25%	67-63-0	400 ppm	500 ppm
Quaternary Ammonium Chlorides	< 1		Not Applicable	Not Applicable
Inert Ingredients	36.51%		Not Applicable	Not Applicable

## SECTION 3 - HAZARD IDENTIFICATION

<b>Route of Entry:</b>	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
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**Potential Health Effects:** Mild irritation of the eyes, nose, and throat. Drowsiness, headache and incoordination may also occur. Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death.

**Medical conditions generally aggravated by exposure:** Acute: Vapor irritates eyes, nose, throat. Liquid will temporarily damage eye tissue. Chronic: Not determined

## SECTION 4 - FIRST AID MEASURES

**Skin Contact:** Wash with soap and water. If irritation persists, obtain medical attention.

**Eye Contact:** Hold eye open and rinse slowly and gently with plenty of cool water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Inhalation:** Remove person to fresh air.

**Ingestion:** Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death. Call a poison control center or doctor for treatment advice.

**Other:**

## SECTION 5 - FIRE FIGHTING MEASURES

<b>Flammable:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>If yes, under which conditions:</b> Excess heat and open flame <b>WARNING!</b> This product is flammable		
<b>Means of Extinction:</b> Dry chemical or alcohol type foam. Use water spray to cool fire exposed surfaces and to protect personnel. Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water			
<b>Flashpoint (°F) and Method:</b> 81°F Closed Cup;    27.22°C	<b>Upper Flammable Limit</b> (% by volume)	<b>Lower Flammable Limit</b> (% by volume)	
	12.0	2.0	
<b>Hazardous Combustion Products:</b> Isopropyl alcohol			
<b>NFPA Legend:</b> <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Insignificant</span> - <span>Extreme</span>  <span>0</span>   <span>1</span>   <span>2</span>   <span>3</span>   <span>4</span> </div>	<b>HMIS Legend:</b> 4=Extreme    3=Serious    2=Moderate 1=Slight    0=Minimal		
<input checked="" type="checkbox"/> <b>NFPA 30 Class IC</b> <input type="checkbox"/> <b>HMIS</b> Health=1    Fire=3    Reactivity=0    Protective Equipment=Not Applicable			

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures:** Remove all ignition sources. Ventilate area of spill or leak. Absorb and evaporate in a safe place. Prevent from entering sewers, water courses or low areas

## SECTION 7 - HANDLING AND STORAGE

**Handling Procedures and Equipment:** Do not reuse empty container. Discard empty container in trash. Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed according to Federal, State, and local regulations for infectious waste disposal. When applying product to electrical equipment, ensure the equipment is grounded.

**Storage Requirements:** Keep closed, do not handle or store near flame, heat, or strong oxidants. Adequate ventilation required. Do not contaminate water, food, or feed by storage or disposal. **FLAMMABLE.** Keep away from heat or open flame.

## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Exposure Limits:</b>	<input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)		
<b>Specific Engineering Controls (such as ventilation, enclosed process):</b> Local Exhaust: Face Velocity > 60 fpm in confined space. Mechanical: Explosion-proof ventilation equipment. Other: No smoking or open flame.			
<b>Personal Protective Equipment:</b>	<input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other		
<b>If checked, please specify type:</b> Wear disposable latex gloves and eyewear protection, as appropriate, when handling HIV-1, HBV, and HCV infected blood or body fluids. Face Mask and gown may be worn for added protection when handling infectious blood and body fluids.			

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Odor and Appearance:</b> Clear alcohol with herbal scent	<b>Odor Threshold (ppm):</b> 22
<b>Specific Gravity (water=1):</b> 0.87	<b>Vapor Density (air=1):</b> 2.1	<b>Vapor Pressure (mmHg):</b> 33mm Hg at 20°C
<b>Evaporation Rate (butyl acetate=1):</b> 2.83	<b>Boiling Point (°F):</b> Not Applicable	<b>Freezing Point (°F):</b> Not Applicable
<b>pH:</b> 6.88	<b>Viscosity:</b> 3.6583 Cst/s	<b>Solubility in Water:</b> > 10% in water

**SECTION 10 - STABILITY AND REACTIVITY**

Chemical Stability: Stable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	if no, under what conditions?
Incompatibility with Other Substrates:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	if yes, which ones?
Reactivity, and under what conditions? Danger when exposed to heat, flame, or oxidizers		
Hazardous Decomposition Products: Toxic gases and vapors may be released in a fire involving isopropyl alcohol		

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure: Vapor irritates eyes, nose, and throat. Liquid will <u>temporarily</u> damage eye tissue.	
Effects of Chronic Exposure: Not determined	
Irritancy of Product: Mild irritation of the eyes, nose, and throat. Drowsiness, headache and incoordination may also occur. Swallowing is	
Skin Sensitization: Not Applicable	Respiratory Sensitization: Not Applicable
Carcinogenicity-IARC: Not classified. Inadequate for humans	Carcinogenicity-ACGIH: No
Reproductive Toxicity: No	Teratogenicity: No
Embotoxicity: No	Mutagenicity: No
Name of synergistic products/effects:	

**SECTION 12 - ECOLOGICAL INFORMATION**

Aquatic Toxicity: Prevent from entering sewers, water courses or low areas

**SECTION 13 - DISPOSABLE CONSIDERATIONS**

Waste Disposal: Do not reuse empty container. Discard container in trash. Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed according to Federal, State, and local regulations for infectious waste disposal.

**SECTION 14 - TRANSPORT INFORMATION**

Special Shipping Information:	<input type="checkbox"/> PIN <input checked="" type="checkbox"/> TDG <input checked="" type="checkbox"/> DOT <input checked="" type="checkbox"/> IMO <input checked="" type="checkbox"/> ICAO <input type="checkbox"/> Other
Instructions: UN1987; Proper Shipping Name: Alcohols, n.o.s. (ISOPROPYL ALCOHOL); Class 3 ; Packing Group III	

**SECTION 15 - REGULATORY INFORMATION**

WHMIS Classification: Class B	OSHA: Not Applicable
EPA: Registered 10492-5	TSCA: Not Applicable
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CFR) and the MSDS contains all of the information required by CFR.	

**SECTION 16 - OTHER INFORMATION**

Other Information:



# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

Printing date 03.08.2015

Revision: 03.08.2015

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier SDS 150
- Trade name: DisCide Ultra Disinfecting Spray
- Article number: 3564, 3565G/Q
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
No further relevant information available.
- Application of the substance / the mixture Surface disinfectant
- 1.3 Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:  
Palmero Health Care  
120 Goodwin Place  
Stratford, CT 06615  
Phone: (203) 377-6424  
Email: customerservice@palmerohealth.com
- 1.4 Emergency telephone number:  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

## SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008  
Classifications listed are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- Additional information:

There are no other hazards not otherwise classified that have been identified.  
0 % of the mixture consists of component(s) of unknown toxicity.

- 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).

The product is classified and labelled according to the CLP regulation.

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# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

Printing date 03.08.2015

Revision: 03.08.2015

Trade name: DisCide Ultra Disinfecting Spray

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## Hazard pictograms



GHS02 GHS07

## Signal word Danger

### Hazard-determining components of labelling:

propan-2-ol

### Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing vapors.

P280 Wear protective gloves / eye protection.

P233 Keep container tightly closed.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### NFPA ratings (scale 0 - 4)



Health = 1

Fire = 3

Reactivity = 0

### HMIS-ratings (scale 0 - 4)



Health = 1

Fire = 3

REACTIVITY 0

Reactivity = 0

### 2.3 Other hazards

### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

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# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

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**Trade name: DisCide Ultra Disinfecting Spray**

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## Dangerous components:

CAS: 67-63-0	propan-2-ol	50-100%
EINECS: 200-661-7	⚠ Flam. Liq. 2, H225	
Index number: 603-117-00-0	⚠ Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 85665-42-5	Quaternary ammonium compounds, benzyl-C7-17-alkyldimethyl,	≤ 2,5%
EINECS: 288-131-1	chlorides	
	⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315;	
	Eye Irrit. 2, H319	

## Additional information:

For the wording of the listed Hazard Statements refer to section 16.

For the listed ingredient(s), the identity and exact percentages are being withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

Take affected persons out into the fresh air.

Immediately remove any clothing soiled by the product.

• **After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation is experienced, consult a doctor.

#### After eye contact:

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Headache

Breathing difficulty

Dizziness

Coughing

Irritant to eyes.

Gastric or intestinal disorders when ingested.

• **Hazards** Vapours may cause drowsiness and dizziness.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

• **For safety reasons unsuitable extinguishing agents:** None.

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## Safety Data Sheet

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GHS

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**Trade name: DisCide Ultra Disinfecting Spray**

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- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information**  
Eliminate all ignition sources if safe to do so.  
Cool endangered receptacles with water spray.  
Use large quantities of foam as it is partially destroyed by the product.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Use respiratory protective device against the effects of fumes/dust/aerosol.  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Remove ignition sources.  
Protect from heat
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).  
Dispose contaminated material as waste according to section 13.  
Send for recovery or disposal in suitable receptacles.  
Clean the affected area carefully; suitable cleaners are:  
Warm water
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Use only in well ventilated areas.  
Do not spray on flame or other ignition sources. No smoking.  
Prevent formation of aerosols.  
Avoid splashes or spray in enclosed areas.
- **Information about fire - and explosion protection:**  
Highly flammable liquid and vapour.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Do not spray onto a naked flame or any incandescent material.

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according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
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Trade name: DisCide Ultra Disinfecting Spray

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Avoid storage near extreme heat, ignition sources or open flame.  
Provide ventilation for receptacles.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidising agents.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Do not expose to temperatures exceeding 50 °C/122 °F.
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

### 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

#### 67-63-0 propan-2-ol

PEL (USA)	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
REL (USA)	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV (USA)	Short-term value: 984 mg/m <sup>3</sup> , 400 ppm Long-term value: 492 mg/m <sup>3</sup> , 200 ppm BEI
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.

- **Ingredients with biological limit values:**

#### 67-63-0 propan-2-ol

BEI (USA)	40 mg/L
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: Acetone (background, nonspecific)

- **Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.

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## Safety Data Sheet

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**Trade name: DisCide Ultra Disinfecting Spray**

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Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid breathing mist/vapours/spray.

• **Respiratory protection:**

Not required under normal conditions of use.

Use suitable respiratory protective device when high concentrations are present.

• **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

• **For the permanent contact gloves made of the following materials are suitable:**

Nitrile rubber, NBR

Neoprene gloves

• **Eye protection:**



Safety glasses

• **Body protection:**

Not required under normal conditions of use.

Protection may be required for spills.

• **Limitation and supervision of exposure into the environment**

No further relevant information available.

• **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

### SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**

• **General Information**

• **Appearance:**

Form: Liquid

Colour: Clear

• **Odour:** Characteristic

• **Odour threshold:** Not determined.

• **pH-value at 20 °C (68 °F):** 6,88

• **Change in condition**

Melting point/Melting range: Not Determined.

Boiling point/Boiling range: 81 °C (178 °F)

• **Flash point:** 13 °C (55 °F)

• **Flammability (solid, gaseous):** Not applicable.

• **Auto/Self-ignition temperature:** >260 °C (>500 °F)

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## Safety Data Sheet

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- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- **Explosion limits:**
  - Lower:** 2,0 Vol %
  - Upper:** 12,0 Vol %
- **Vapour pressure at 20 °C (68 °F):** 43 hPa (32 mm Hg)
- **Density at 20 °C (68 °F):** 0,87 g/cm<sup>3</sup> (7,26 lbs/gal)
- **Relative density** Not determined.
- **Vapour density at 20 °C (68 °F)** 2,1 g/cm<sup>3</sup> (17,525 lbs/gal)
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Slightly soluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic at 20 °C (68 °F):** 3,66 mPas
  - Kinematic:** Not determined.
- **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **10.3 Possibility of hazardous reactions**  
Highly flammable liquid and vapour.  
Reacts violently with oxidising agents.  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.  
Toxic fumes may be released if heated above the decomposition point.  
Used empty containers may contain product gases which form explosive mixtures with air.
- **10.4 Conditions to avoid**  
Keep ignition sources away - Do not smoke.  
Store away from oxidising agents.
- **10.5 Incompatible materials:** Oxidizing agents
- **10.6 Hazardous decomposition products:**  
Under fire conditions only:  
Carbon monoxide and carbon dioxide

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Trade name: DisCide Ultra Disinfecting Spray

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

##### LD/LC50 values relevant for classification:

##### 67-63-0 propan-2-ol

Oral	LD50	5045 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/4	30 mg/l (rat)

##### Primary irritant effect:

**Skin corrosion/irritation** Slight irritant effect on skin and mucous membranes.

##### Serious eye damage/irritation

Causes serious eye irritation.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Acute effects (acute toxicity, irritation and corrosivity):** Vapours have narcotic effect.

##### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

##### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

##### Carcinogenicity

Based on available data, the classification criteria are not met.

##### Reproductive toxicity

Based on available data, the classification criteria are not met.

##### STOT-single exposure

May cause drowsiness or dizziness.

##### STOT-repeated exposure

Based on available data, the classification criteria are not met.

##### Aspiration hazard

Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** The product contains materials that are harmful to the environment.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

##### Ecotoxicological effects:

**Remark:** Harmful to algae

##### Additional ecological information:

##### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

This statement was deduced from the properties of the single components.

Harmful to aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

##### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

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- 12.6 Other adverse effects No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

Incinerate in accordance with local, state and federal regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

#### Uncleaned packaging:

- Recommendation: Disposal must be made according to local official regulations.

## SECTION 14: Transport information

### 14.1 UN-Number

DOT, ADR, IMDG, IATA

UN1987

### 14.2 UN proper shipping name

DOT

Alcohols, n.o.s. (isopropyl alcohol)

ADR

1987 ALCOHOLS, N.O.S. (isopropyl alcohol)

IMDG, IATA

ALCOHOLS, N.O.S. (isopropyl alcohol)

### 14.3 Transport hazard class(es)

DOT



Class

3 Flammable liquids.

Label

3

ADR



Class

3 (F1) Flammable liquids.

Label

3

IMDG, IATA



Class

3 Flammable liquids.

Label

3

### 14.4 Packing group

DOT, ADR, IMDG, IATA

II

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## Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
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Trade name: DisCide Ultra Disinfecting Spray

(Cont'd. from page 9)

- |   |   |
|---|---|
| 14.5 Environmental hazards:   |   |
| Marine pollutant:   | No  |
| 14.6 Special precautions for user                                       | Warning: Flammable liquids.   |
| Danger code (Kemler):   | 30  |
| EMS Number:   | F-E,S-D   |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable.   |
| Transport/Additional information:                                       |   |
| ADR   |   |
| Limited quantities (LQ)   | 1L  |
| Excepted quantities (EQ)  | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| Transport category  | 2   |
| Tunnel restriction code   | D/E   |
| IMDG  |   |
| Limited quantities (LQ)   | 1L  |
| Excepted quantities (EQ)  | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| UN "Model Regulation":  | UN1987, ALCOHOLS, N.O.S. (isopropyl alcohol), 3, II   |

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

- Section 355 (extremely hazardous substances):

None of the ingredients are listed.

- Section 313 (Specific toxic chemical listings):

67-63-0 propan-2-ol

- TSCA (Toxic Substances Control Act):

67-63-0 propan-2-ol

- Proposition 65 (California):

- Chemicals known to cause cancer:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

- Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

- Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

(Cont'd. on page 11)

## Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

Printing date 03.08.2015

Revision: 03.08.2015

**Trade name: DisCide Ultra Disinfecting Spray**

(Cont'd. from page 10)

### · Carcinogenic Categories

#### · EPA (Environmental Protection Agency)

None of the ingredients are listed.

#### · Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

EPA Product Registration : 10492-5.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

#### PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals: **WARNING.** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling, and wash clothing before reuse.

Physical or Chemical Hazards: **Flammable.** Keep away from heat or open flame.

#### FIRST AID

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Chem Tel Inc. at 1-800-255-3924.

#### · IARC (International Agency for Research on Cancer)

67-63-0 | propan-2-ol

3

#### · TLV (Threshold Limit Value established by ACGIH)

67-63-0 | propan-2-ol

A4

#### · NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

#### · Canada

#### · Canadian Domestic Substances List (DSL)

67-63-0 | propan-2-ol

#### · Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients are listed.

#### · Canadian Ingredient Disclosure list (limit 1%)

67-63-0 | propan-2-ol

#### · Directive 2012/18/EU

#### · Named dangerous substances - ANNEX I

None of the ingredients are listed.

#### · Other regulations, limitations and prohibitive regulations

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

(Cont'd. on page 12)

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

Printing date 03.08.2015

Revision: 03.08.2015

Trade name: DisCide Ultra Disinfecting Spray

(Cont'd. from page 11)

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· **Sources**

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