

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

Printing date 14.01.2015

Revision: 14.01.2015

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

- **1.1 Product identifier** **SDS 350**
- **Trade name:** DisCide Disinfecting Aerosol Spray
- **Article number:** 3513
- **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 also are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).  
The following Hazard Statements are applicable only according to OSHA regulations within the United States. These Statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H280.



GHS 04 gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



health hazard

STOT SE 2      H371      May cause damage to organs.



Eye Irrit. 2      H319      Causes serious eye irritation.

(Contd. on page 2)

# Safety Data Sheet

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


Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 1)

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC

-  Xn; Harmful

R20/21/22-68/20/21/22: Harmful by inhalation, in contact with skin and if swallowed. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

-  Xi; Irritant

R36: Irritating to eyes.

- Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurised container.

- Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

- 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.

- Hazard pictograms

The following pictograms are only for use within the United States (OSHA): GHS04.



GHS 04 gas cylinder



GHS02 GHS07 GHS08

- Signal word Danger

- Hazard-determining components of labelling:

methanol

- Hazard statements

The following Hazard Statements are applicable only according to OSHA regulations within the United States. These Statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H280.

H280 Contains gas under pressure; may explode if heated.

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

H371 May cause damage to organs.

- Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

(Contd. on page 3)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 2)

P211 Do not spray on an open flame or other ignition source.  
 P280 Wear protective gloves / eye protection.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazard description:**· **WHMIS-symbols:**

B5 - Flammable aerosol

D2B - Toxic material causing other toxic effects

· **NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 3

Reactivity = 1

· **HMIS-ratings (scale 0 - 4)**

Health = \*2

Fire = 3

Reactivity = 1

\* - Indicates a long term health hazard from repeated or prolonged exposures.

· **HMIS Long Term Health Hazard Substances**

64-17-5 ethanol

67-56-1 methanol

· **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.· **Dangerous components:**

(Contd. on page 4)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

		(Contd. of page 3)
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol Xi R36; F R11 Flam. Liq. 2, H225 Eye Irrit. 2, H319	50-100%
CAS: 68476-85-7 EINECS: 270-704-2 Index number: 649-202-00-6	Petroleum gases, liquefied F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	25-50%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X	methanol T R23/24/25-39/23/24/25; F R11 Flam. Liq. 2, H225 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT SE 1, H370	2,5-10%
CAS: 90-43-7 EINECS: 201-993-5 Index number: 604-020-00-6	biphenyl-2-ol Xi R36/37/38; N R50 Aquatic Acute 1, H400 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	≤ 2,5%
CAS: 1336-21-6 EINECS: 215-647-6 Index number: 007-001-01-2	ammonia, aqueous solution C R34; N R50 Skin Corr. 1B, H314 Aquatic Acute 1, H400	≤ 2,5%
CAS: 7632-00-0 EINECS: 231-555-9 Index number: 007-010-00-4	sodium nitrite T R25; O R8; N R50 Ox. Sol. 3, H272 Acute Tox. 3, H301 Aquatic Acute 1, H400	≤ 2,5%

Additional information: For the wording of the listed risk phrases refer to section 16.

## 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.  
 Provide oxygen treatment if affected person has difficulty breathing.

#### 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:

Unlikely route of exposure.

(Contd. on page 5)

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

Printing date 14.01.2015

Revision: 14.01.2015

**Trade name: DisCide Disinfecting Aerosol Spray**

(Contd. of page 4)

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

Coughing

Dizziness

Irritant to eyes.

Nausea in case of ingestion.

May cause gastro-intestinal irritation if ingested.

Cyanosis

· **Hazards**

May be harmful if inhaled.

Vapours may cause drowsiness and dizziness.

Danger of impaired breathing.

May cause damage to organs.

· **4.3 Indication of any immediate medical attention and special treatment needed**

Contains methanol. Consult literature for specific antidotes.

If swallowed, gastric irrigation with added, activated carbon.

If necessary oxygen respiration treatment.

Medical supervision for at least 48 hours.

## 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.

· **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.

Use large quantities of foam as it is partially destroyed by the product.

Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation

Remove ignition sources.

Protect from heat

(Contd. on page 6)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 5)

- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
 Allow to evaporate.  
 Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).  
 Dispose contaminated material as waste according to item 13.  
 Send for recovery or disposal in suitable receptacles.
- **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.  
 Avoid splashes or spray in enclosed areas.  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- **Information about fire - and explosion protection:**  
 Flammable aerosol.  
 Keep ignition sources away - Do not smoke.  
 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.  
 Do not spray onto a naked flame or any incandescent material.  
 Emergency cooling must be available in case of nearby fire.
- **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.  
 Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:**  
 Store away from foodstuffs.  
 Store away from oxidising agents.
- **Further information about storage conditions:**  
 Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- **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 item 7.

- **8.1 Control parameters**

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

64-17-5 ethanol

PEL (USA)	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
-----------	--

(Contd. on page 7)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 6)

REL (USA)	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m <sup>3</sup> , 1000 ppm
EL (Canada)	Short-term value: 1000 ppm
EV (Canada)	Long-term value: 1,900 mg/m <sup>3</sup> , 1,000 ppm

**68476-85-7 Petroleum gases, liquefied**

PEL (USA)	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
TLV (USA)	refer to Appendix F: minimal oxygen content
EL (Canada)	Short-term value: 1250 ppm Long-term value: 1000 ppm
EV (Canada)	Long-term value: 1,000 ppm

**67-56-1 methanol**

IOELV (EU)	Long-term value: 260 mg/m <sup>3</sup> , 200 ppm Skin
PEL (USA)	Long-term value: 260 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Short-term value: 325 mg/m <sup>3</sup> , 250 ppm Long-term value: 260 mg/m <sup>3</sup> , 200 ppm Skin
TLV (USA)	Short-term value: 328 mg/m <sup>3</sup> , 250 ppm Long-term value: 262 mg/m <sup>3</sup> , 200 ppm Skin; BEI
EL (Canada)	Short-term value: 250 ppm Long-term value: 200 ppm Skin
EV (Canada)	Short-term value: 325 mg/m <sup>3</sup> , 250 ppm Long-term value: 260 mg/m <sup>3</sup> , 200 ppm Skin

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

**Ingredients with biological limit values:****67-56-1 methanol**

BEI (USA)	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (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.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.

(Contd. on page 8)

## Safety Data Sheet

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 7)

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

- **Respiratory protection:**

Use suitable respiratory protective device when high concentrations are present.

For spills, respiratory protection may be advisable.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **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:**

Recognisable

- **Odour threshold:**

Not determined.

(Contd. on page 9)



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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 8)

· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Not applicable, as aerosol.
<b>Boiling point/Boiling range:</b>	Not applicable, as aerosol.
· <b>Flash point:</b>	Not applicable, as aerosol.
· <b>Flammability (solid, gaseous):</b>	Extremely flammable aerosol.
· <b>Auto/Self-ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Self-igniting:</b>	Product is not self-igniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with water:</b>	Slightly soluble.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Danger of receptacles bursting because of high vapour pressure when heated.  
 Pressurized container: Do not pierce or burn, even after use.
- **10.3 Possibility of hazardous reactions**  
 Extremely flammable aerosol.  
 Danger of receptacles bursting because of high vapour pressure when heated.  
 Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.  
 Used empty containers may contain product gases which form explosive mixtures with air.

(Contd. on page 10)

# Safety Data Sheet

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 9)

Toxic fumes may be released if heated above the decomposition point.

- **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

## SECTION 11: Toxicological information

### • 11.1 Information on toxicological effects

#### • Acute toxicity:

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

##### 64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4h	20000 mg/l (rat)

##### 67-56-1 methanol

Oral	LD50	5628 mg/kg (rat)
Dermal	LD50	15800 mg/kg (rabbit)
Inhalative	LC50/4	130,7 mg/l (rat)

##### 7632-00-0 sodium nitrite

Oral	LD50	85 mg/kg (rat)
------	------	----------------

#### • Primary irritant effect:

• **on the skin:** No irritant effect.

• **on the eye:** Irritating effect.

• **Sensitisation:** No sensitising effects known.

#### • Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

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

• **Repeated dose toxicity:** May cause damage to organs through prolonged or repeated exposure.

## 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.

(Contd. on page 11)

## Safety Data Sheet

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray


(Contd. of page 10)

- **Ecotoxicological effects:**
- **Remark:** Harmful to algae
- **Additional ecological information:**
- **General notes:**  
This statement was deduced from the properties of the single components.  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
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 official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**
  - **DOT, ADR, IMDG, IATA** UN1950
  - **14.2 UN proper shipping name**
  - **DOT, IMDG, IATA** 1950 AEROSOLS, N.O.S., FLAMMABLE
  - **ADR** 1950 AEROSOLS
  - **14.3 Transport hazard class(es)**
  - **DOT**
- 
- **Class** 2.1
  - **Label** 2.1

(Contd. on page 12)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 11)

## · ADR



- Class 2.1 5F
- Label 2.1

## · IMDG, IATA



- Class 2.1
- Label 2.1
- 14.4 Packing group Not regulated for transport.
- DOT, ADR, IMDG, IATA Not Regulated
- 14.5 Environmental hazards:
- Marine pollutant: No
- 14.6 Special precautions for user Not applicable.
- EMS Number: F-D,S-U
- Segregation groups Alkalis, nitrites and their mixtures
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
- Transport/Additional information:
- ADR
- Limited quantities (LQ) 1L
- Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity
- IMDG
- Limited quantities (LQ) 1L
- Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity
- UN "Model Regulation": UN1950, AEROSOLS, 2.1

**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):

67-56-1 methanol

(Contd. on page 13)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 12)

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65 (California):**

- **Chemicals known to cause cancer:**

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5 ethanol

90-43-7 biphenyl-2-ol

- **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:**

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5 ethanol

67-56-1 methanol

- **Carcinogenic Categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer)**

64-17-5 ethanol

1

90-43-7 biphenyl-2-ol

3

- **TLV (Threshold Limit Value established by ACGIH)**

64-17-5 ethanol

A3

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

None of the ingredients are listed.

- **Canada**

- **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

64-17-5 ethanol

- **Canadian Ingredient Disclosure list (limit 1%)**

67-56-1 methanol

- **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.

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

None of the ingredients are listed.

(Contd. on page 14)

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

Printing date 14.01.2015

Revision: 14.01.2015

Trade name: DisCide Disinfecting Aerosol Spray

(Contd. of page 13)

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**

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H272	May intensify fire; oxidiser.
H280	Contains gas under pressure; may explode if heated.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs.
H400	Very toxic to aquatic life.
R11	Highly flammable.
R12	Extremely flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R25	Toxic if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R50	Very toxic to aquatic organisms.
R8	Contact with combustible material may cause fire.

**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)  
 WHMIS: Workplace Hazardous Materials Information System (Canada)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 Flam. Gas 1: Flammable gases, Hazard Category 1  
 Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

(Contd. on page 15)

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

Printing date 14.01.2015

Revision: 14.01.2015

**Trade name: DisCide Disinfecting Aerosol Spray**

(Contd. of page 14)

Press. Gas C: Gases under pressure: Compressed gas  
Flam. Liq. 2: Flammable liquids, Hazard Category 2  
Ox. Sol. 3: Oxidising Solids, Hazard Category 3  
Acute Tox. 3: Acute toxicity, Hazard Category 3  
Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1  
STOT SE 2: Specific target organ toxicity - Single exposure, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

**Sources**

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: [www.chemtelinc.com](http://www.chemtelinc.com)