

### SECTION 1: IDENTIFICATION

**Product identifier**

<b>Product Name</b>	<b>HUSKY 890 VETERINARY DISINFECTANT CLEANER</b>
<b>Authorization number</b>	F890-001 EPA Reg. No. 1839-100-8155
<b>Recommended Use</b>	Hard surface sanitizer/disinfectant
<b>Uses advised against</b>	Restrictions on use: Do not use in any fashion not specified on the product label.

**Manufacturer/Supplier**

Canberra Corporation  
 3610 N. Holland-Sylvania Rd.  
 Toledo Ohio 43615  
 United States

Telephone: +1 (419) 841-6616  
 Website: <http://canberracorp.com/>

e-Mail (competent person) regulatorycompliance@canberracorp.com

**Emergency telephone number** 800-424-9300

**National poison center** 800-222-1222

### SECTION 2: HAZARD(S) IDENTIFICATION

**Classification acc. to GHS**

Skin corrosion/irritation.	H314.
Serious eye damage/eye irritation.	H318.

**Label elements**

**Signal word** Danger

**Pictograms**



**Hazard statements**

Causes severe skin burns and eye damage.

**Precautionary statements**

- Do not breathe dusts or mists.
- Wear eye protection/face protection.
- If swallowed: Rinse mouth. Do NOT induce vomiting.
- If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a poison center/doctor.
- Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling Tetrasodium EDTA

**Other hazards**

Hazards not otherwise classified

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Name of substance	Identifier	Wt%
Alkyl C12-14 Dimethylethylbenzyl Ammonium Chloride	CAS No 85409-23-0	1 - < 5
Sodium Carbonate	CAS No 497-19-8	1 - < 5
Tetrasodium EDTA	CAS No 64-02-8	1 - < 5
Ethanol	CAS No 64-17-5	1 - < 5

For full text of abbreviations: see SECTION 16.

**SECTION 4: FIRST-AID MEASURES****Following inhalation**

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

**Following eye contact**

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

**Following ingestion**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

none

**SECTION 5: FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Water jet

**Special hazards arising from the substance or mixture****Hazardous combustion products**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

- Handling of incompatible substances or mixtures

Do not mix with acids.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### Conditions for safe storage, including any incompatibilities

Protect against external exposure, such as

frost

### Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

See section 16 for a general overview.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

**Skin protection****- Hand protection**

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**- Other protection measures**

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid
<b>Color</b>	None
<b>Odor</b>	None
<b>pH (value)</b>	11.5 – 12.5 (base)
<b>Melting point/freezing point</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not relevant (fluid)
<b>Density</b>	Not determined
<b>Relative density</b>	1.035 – 1.055 at 25 °C (water = 1)

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**Chemical stability**

See below "Conditions to avoid".

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

There are no specific conditions known which have to be avoided.

**Incompatible materials**

Oxidizers

**Release of flammable materials with**

Light metals (due to the release of hydrogen in an acid/alkaline medium)

**Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Test data are not available for the complete mixture.

**Classification procedure**

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)****Acute toxicity**

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Alkyl C12-14 Dimethylethylbenzyl Ammonium Chloride	85409-23-0	oral	344 mg/kg
Tetrasodium EDTA	64-02-8	oral	1,913 mg/kg

**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

Shall not be classified as a respiratory or skin sensitizer.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans			
Name of substance	CAS No	Classification	Number
Ethanol	64-17-5	1	

Legend

1 Carcinogenic to humans

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**

Toxic to aquatic life with long lasting effects.

## Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Tetrasodium EDTA	64-02-8	LC50	41 mg/l	fish	96 h
Tetrasodium EDTA	64-02-8	EC50	140 mg/l	aquatic invertebrates	48 h
Ethanol	64-17-5	LC50	15,400 mg/l	fish	96 h
Ethanol	64-17-5	EC50	12,700 mg/l	fish	96 h
Ethanol	64-17-5	ErC50	22,000 mg/l	algae	96 h

## Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Alkyl C12-14 Dimethyl-ethylbenzyl Ammonium Chloride	85409-23-0	LC50	94 µg/l	fish	28 d
Alkyl C12-14 Dimethyl-ethylbenzyl Ammonium Chloride	85409-23-0	EC50	21 mg/l	microorganisms	30 min
Ethanol	64-17-5	LC50	1,806 mg/l	aquatic invertebrates	10 d
Ethanol	64-17-5	ErC50	675 mg/l	algae	4 d

**Persistence and degradability**

Data are not available.

**Bioaccumulative potential**

Data are not available.

**Mobility in soil**

Data are not available.

**Results of PBT and vPvB assessment**

Data are not available.

**Endocrine disrupting properties**

None of the ingredients are listed.

**Other adverse effects**

Data are not available.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste treatment methods****Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packages**

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

**SECTION 14: TRANSPORT INFORMATION****UN number**

IMDG-Code UN 1903

ICAO-TI UN 1903

**UN proper shipping name**

DOT	Disinfectants, liquid, corrosive, n.o.s.
IMDG-Code	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
ICAO-TI	Disinfectant, liquid, corrosive, n.o.s.
Technical name (hazardous ingredients)	Alkyl C12-14 Dimethylethylbenzyl Ammonium Chloride Alkyl C12-18 Dimethylbenzyl Ammonium Chloride

**Transport hazard class(es)**

DOT	8
IMDG-Code	8
ICAO-TI	8

**Packing group**

DOT	III
IMDG-Code	III
ICAO-TI	III

<b>Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations
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**SECTION 15: REGULATORY INFORMATION****National regulations (United States)****FIFRA Labeling**

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.

**Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List****- Cleaning Product Right to Know Act Substance List (CA-RTK)**

Name of substance	CAS No	Functionality	Authoritative Lists
Ethanol	64-17-5	solvents	

**- Hazardous Substances List (MN-ERTK)**

Name of substance	CAS No	References	Remarks
Ethanol	64-17-5	A, O	

**Legend**

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

**- Hazardous Substance List (NJ-RTK)**

Name of substance	CAS No	Remarks	Classifications
Ethanol	64-17-5		CA MU TE F3

**Legend**

- CA Carcinogenic
- F3 Flammable - Third Degree
- MU Mutagenic
- TE Teratogenic

**- Hazardous Substance List (Chapter 323) (PA-RTK)**

Name acc. to inventory	CAS No	Classification
ETHANOL	64-17-5	

**- Hazardous Substance List (RI-RTK)**

Name of substance	CAS No	References
Ethanol	64-17-5	T, F

**Legend**

- F Flammability (NFPA®)
- T Toxicity (ACGIH®)

**California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987**

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
ethanol (ethyl alcohol)	64-17-5	in alcoholic beverages	developmental

**NPCA-HMIS® III**



Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	3	major injury likely unless prompt action is taken and medical treatment is given
Flammability	3	material that can be ignited under almost all ambient temperature conditions
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

**NFPA® 704**

Category	Degree of hazard	Description
Flammability	3	material that can be ignited under almost all ambient temperature conditions
Health	3	material that, under emergency conditions, can cause serious or permanent injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

**National inventories**

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	not all ingredients are listed

**Legend**

REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION****Key literature references and sources for data**

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in section 2 and 3)**

Code	Text
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. .