## **SAFETY DATA SHEETS**

# This SDS packet was issued with item:

078677709

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

078676295 078677675 078677683 078677691 078679261

## **MSDS**

Material Safety Data Sheet Conforms to ANSI Z-400.1-1993

Chemtel 24 Hour Emergency Response (800) 255-3924

**Health Technology** 

3590 Buchanan Riverside, CA 92503

(800) 424-7536

### 1 Chemical Product and Company Identification

Product: Kennel Kare SC Classification: Disinfectant/Neutral Cleaner C30

2 Composition/Information on Hazardous Ingredients

Material	CAS#	%	OSHA(PEL)	TLV(ppm)	Other
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	2.56	N/A	N/A	N/A
Didecyl Dimethyl Ammonium Chloride	7173-51-5	3.84	N/A	N/A	N/A

#### 3 Hazards Identification

Emergency Overview: Irritant. Causes skin and eye irritation. Avoid contact with skin and eyes.

CAO LION

Contact with Eyes: Prolonged contact with concentrated product causes severe irritation.

Contact with Skin: Prolonged contact with skin of concentrated product causes severe irritation, drying and/or

dermatitis.

Skin Absorption: No data.

**Ingestion Symptoms:** Irritation, nausea, vomiting and diarrhea.

**Inhalation Symptoms:** Excessive exposure to mists/vapors may irritate respiratory tract and result in headache and nausea.

**Chronic Effects:** Overexposure may result in allergic skin reactions.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

#### 4 First Aid Measures

**Eyes:** If eyes are contacted, flush with water for 15 minutes. If irritation persists seek medical attention.

**Skin:** If skin is contacted, wash affected area with soap and water. If irritation persists, seek medical attention.

Inhalation: If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. If breathing is difficult,

give oxygen and seek medical attention.

Ingestion: If ingested, do NOT induce vomiting. Give moderate amounts of water to wash out mouth area and dilute

remaining residue. Seek medical attention.

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#### 5 Fire Fighting Measures

Flash Point(F° TCC): >200°F Flammable Limits: LEL No Data UEL No Data

Auto Ignition Temperature: No Data

Extinguishing Media: Water Spray, Foam, Carbon Dioxide, Dry Chemical

#### **Special Fire Fighting Procedures:**

Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.

#### **Unusual Fire and Explosion Hazards:**

Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

#### 6 Accidental Release Measures

#### Large Spills (55 gallons or more):

Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.

#### **Small Spills:**

Mop up spill and rinse area.

## 7 Handling and Storage

**Handling:** Keep out of reach of children. Follow appropriate hygiene practices.

**Storage:** Store in a cool, dry place.

#### 8 Exposure Controls/Personal Protection

#### **Ventilation and Engineering Controls:**

Local exhaust

#### **Respiratory Protection:**

If used according to directions respirator not required.

#### **Protective Gloves:**

Rubber Gloves

#### **Eye Protection:**

Chemical Splash Goggles

#### **Other Protective Equipment:**

Corrosive

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9 Physical and Che	emical Prope	erties			
Boiling Point(F°):	>212°F	Solubility in Water:	Complete	Odor:	Lemon
Specific Gravity:	1.0	Volatiles(% by Wt.):	74	pH:	7 ± 0.5
Appearance:	Yellow	Vapor Density:	>1	VOC:	< 10 g/L
vaporation Rate:	<1	Vapor Pressure:	<17 mm Hg	Freezing Point(F°):	<32°F
		< means less than	> means greater th		
		are typical values based on mat not be construed as a guarante			
10 Stability and Re	activity				
Stability: Stable	C	Conditions to Avoid: Temp. E.	xtremes		
Materials to Avoid:	Strong Oxid	dizers, Anionic detergents will n	eutralize Quats and	render them ineffective.	
Hazardous Decom	position Pro	oducts:			
Carbon oxides, am	ımonia, nitro	us oxides, hydrogen chloride			
Hazardous Polyme	rization:				
Will Not Occur	- <del>-</del>				
11 Toxicological In	formation				
No Toxicology Inforr	nation is ava	ilable.			
12 Ecological Infor	mation				
No data available.					
13 Disposal Consid	derations				
Waste Disposal Me Dispose of waste		ce with federal, state and local r	regulations		
14 Transport Inforr	nation				
HAZMAT: No	Haza	rd Code:	ID Number: N/A	Hazard Class	s: N/A
Hazardous Division	on: None			Packaging Group: N	/A
Hazardous Conten	ts: None				
15 Regulatory Info	rmation				
Proposition 65: No	ot Listed.				
EPA: Yes					
16 Other Information	on				
HMIS/NFPA Hazard	Rating:	Health 1 Flammabili	ity 0 React	ivity 0	
	egarding the	is based on the data available t accuracy of this data or the rest calth Technology			
MSDS Approval D	ate: 1/31/201	1			
<b>2/2/2011</b> 000	)1			Kennel Kare	SC Page 3 of 3

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: HEATEC-005-BULK
Product Name: KENNEL KARE SC

Company Name: Health Technology Professional Products, Phone Number:

Inc.

+1 (800)424-7536

11614 Sterling Ave.

**Unit 101** 

Riverside, CA 92503 +1 (800)255-3924

**Emergency Contact:** CHEMTEL

## 2. HAZARDS IDENTIFICATION

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1C

Serious Eye Damage/Eye Irritation, Category 2





GHS Signal Word: Danger

GHS Hazard Phrases: Harmful if swallowed.

Causes severe skin burns and eye damage.

Causes serious eye irritation.

GHS Precautionary Phrases: Keep out of reach of children.

Read label before use.

Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands thoroughly after handling.

GHS Response Phrases: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin

with plenty of water for 15 minutes.

Get immediate medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing.

If experiencing respiratory symptoms: Get immediate medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing for 15 minutes. Get immediate medical

advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical

advice/attention.

GHS Storage and Disposal Store locked up.

**Phrases:** Dispose of contents/container in accordance to local, state and federal regulations.

Inhalation: Harmful if inhaled. Causes severe irritation of upper respiratory tract with coughing,

burns, breathing difficulty, and possible coma.

**Skin Contact:** Harmful if absorbed through skin. Causes skin burns.

**Eye Contact:** Causes eye burns. May cause chemical conjunctivitis and corneal damage.

Ingestion: Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhea, and

shock. May cause corrosion and permanent tissue destruction of the esophagus and

digestive tract.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS# **Hazardous Components (Chemical Name)** Concentration

1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride <10.0 % 7173-51-5 68424-85-1 Quaternary ammonium <10.0 %

compounds, benzyl-C12-16-alkyldimethyl,

chlorides

64-02-8 Ethylenediamine tetraacetic acid, tetrasodium salt < 5.0 % Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.- < 5.0 % 34398-01-1

hydroxy-

## 4. FIRST AID MEASURES

Move out of dangerous area. Consult a physician. Show this safety data sheet to the **Emergency and First Aid** 

doctor in attendance.

**Procedures:** 

In Case of Inhalation:

If breathed in, move person into fresh air. Consult a physician.

In Case of Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of

water. Consult a physician.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and

lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Call a

physician immediately.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. In Case of Ingestion:

Rinse mouth with water. Consult a physician.

Signs and Symptoms Of

The most important known symptoms and effects are described in the labelling (see

**Exposure:** section 2.2) and/or in section 11

Indication of any immediate

medical attention and special

treatment needed:

#### 5. FIRE FIGHTING MEASURES

No data. Flash Pt:

**Explosive Limits:** LEL: No data. UEL: No data.

No data available.

No data. Autoignition Pt:

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Wear self contained breathing apparatus for fire fighting if necessary. Fire Fighting Instructions:

Further information. No data available.

Flammable Properties and

Carbon oxides, nitrogen oxides (NOx), Carbon oxides, Hydrogen chloride gas, Sodium

Hazards:

oxides.

**Hazardous Combustion** 

No data available.

Products:

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### 6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8. Use personal protective equipment. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**Environmental Precautions:** 

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Keep in suitable, closed containers for disposal.

Steps To Be Taken In Case Material Is Released Or Spilled: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

## 7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:

Avoid contact with skin and eyes. For precautions see section 2. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Precautions To Be Taken in Storing:

Keep container tightly closed in a dry and well-ventilated place. Toxic. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No data.	No data.	No data.
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimeth yl, chlorides	No data.	No data.	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
34398-01-1	Poly(oxy-1,2-ethanediyl),.alphaundecy lomegahydroxy-	No data.	No data.	No data.

Respiratory Equipment

No special respiratory protection equipment is required with normal use.

(Specify Type):

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Rubber or neoprene

gloves.

Other Protective Clothing:

No data available.

Engineering Controls (Ventilation etc.):

Facilities storing or utilizing this material should be equipped with an eyewash facility and

a safety shower.

Work/Hygienic/Maintenance

Handle in accordance with good industrial hygiene and safety practice.

Practices:

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [ ] Gas [ X ] Liquid [ ] Solid

Appearance and Odor: Clear Colorless, Liquid.

Yellow.

No data.

pH: 6.0 - 8.0

Melting Point: No data.

Boiling Point: No data.

Flash Pt: No data.

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or

mm Hg):

Vapor Density (vs. Air = 1): No data. Specific Gravity (Water = 1): 1.000 - 1.010

Solubility in Water: No data.

Octanol/Water Partition No data.

Coefficient:

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.

## 10. STABILITY AND REACTIVITY

**Reactivity:** No data available.

Stability: Unstable [ ] Stable [ X ]

Conditions To Avoid - Heat, flames and sparks.

Instability:

Incompatibility - Materials To Strong oxidizing agents, Strong reducing agents.

Avoid:

Hazardous Decomposition or No data available.

**Byproducts:** 

Possibility of Hazardous Will occur [ ] Will not occur [ X ]

Reactions:

**Conditions To Avoid -** No data available.

Hazardous Reactions:

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### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No information found.

> Reproductive Effects: No information available. Teratogenicity: No information available. Mutagenicity: No information available. Neurotoxicity: No information available.

CAS# 7173-51-5: 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride: Acute toxicity,

LD50, Oral, Rat, 84.00 MG/KG.

CAS# 64-02-8: Ethylenediamine tetraacetic acid, tetrasodium salt: Acute toxicity, LD50,

Oral, Dog, 12.00 gm/kg.

Acute toxicity, LD50, Oral, Rat, 10.00 gm/kg. Acute toxicity, LD50, Oral, Rabbit, 7.000 gm/kg.

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, 24 H.

No data available. Sensitization:

**Chronic Toxicological** 

Effects:

Specific target organ toxicity -single exposure (Globally Harmonized System) No data

Specific target organ toxicity -repeated exposure: no data available.

Carcinogenicity/Other

Information:

IARC: No component of this product present at levels greater than or equal to 0.1% is

identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is

identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is

identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is

identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenici	ity:	NTP? No	IARC Monographs? No	0	SHA Regulated?	No No	
CAS#	Hazardous Con	nponents (Cher	mical Name)	NTP	IARC	ACGIH	OSHA
7173-51-5	1-Decanaminium	n, N-Decyl-N,N-o	dimethyl-, chloride	n.a.	n.a.	n.a.	n.a.
68424-85-1	Quaternary amm		dimethyl, chlorides	n.a.	n.a.	n.a.	n.a.
64-02-8	Ethylenediamine	e tetraacetic acid	l, tetrasodium salt	n.a.	n.a.	n.a.	n.a.
34398-01-1	Poly(oxy-1,2-eth	anediyl),.alpha	-undecylomegahydroxy-	n.a.	n.a.	n.a.	n.a.

## 12. ECOLOGICAL INFORMATION

**General Ecological** Information:

Environmental: No information reported.

Physical: No information available.

CAS# 7173-51-5: 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride: 100% mortality or 0% survival of organism., Rainbow Trout (Oncorhynchus mykiss), juvenile(s), 500.0

UG/L, 96 H, Mortality.

LC50, Water Flea (Daphnia magna), 1000. UG/L, 6 H, Mortality. LC50, Guppy (Poecilia reticulata), 750.0 UG/L, 24 H, Mortality.

LC50, Medaka, High-Eyes (Oryzias latipes), 950.0 UG/L, 72 H, Mortality.

LC50, Opossum Shrimp (Americamysis bahia), juvenile(s), 39.00 UG/L, 48 H, Mortality.

LC50, Zebra Mussel (Dreissena polymorpha), 1120. UG/L, 48 H, Mortality.

Effective concentration to 50% of test organisms., Green Algae (Chlorella pyrenoidosa),

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Exponential Growth Phase, 59.00 UG/L, 24 H, Growth.

CAS# 68424-85-1: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides: LC50, Fathead Minnow (Pimephales promelas), 0.770 PPM, 96 H, Mortality.

LC50, Rainbow Trout (Oncorhynchus mykiss), 923.2 PPB, 96 H, Mortality. LC50, Striped Bass (Morone saxatilis), fry, 14100. UG/L, 96 H, Mortality.

Effective concentration to 50% of test organisms., Green Algae (Chlorella pyrenoidosa),

Exponential Growth Phase, 670.0 UG/L, 96 H, Population.

CAS# 64-02-8: Ethylenediamine tetraacetic acid, tetrasodium salt: LC50, Water Flea

(Daphnia magna), 625.0 MG/L, 24 H, Intoxication,.

CAS# 34398-01-1: Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-: LC50,

Fathead Minnow (Pimephales promelas), 7100. UG/L, 96 H, Mortality.

Effective concentration to 50% of test organisms., Water Flea (Daphnia magna), 6700.

UG/L, 48 H, Intoxication,.

Persistence and

Product is biodegradable.

Degradability:

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** 

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

#### 14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Disinfectants, liquid, corrosive n.o.s. (Quaternary Ammonium Compound)

**DOT Hazard Class:** 8 CORROSIVE

UN/NA Number: UN1903 Packing Group: III



## 15. REGULATORY INFORMATION

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS# 7173-51-5	Hazardous Components (Chemical Name)  1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	S. 302 (EHS) No	<b>S. 304 RQ</b> No	<b>S. 313 (TRI)</b> No
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
34398-01-1	Poly(oxy-1,2-ethanediyl),.alphaundecylomegahydroxy-	No	No	No

#### This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[ ] Yes [X] No	Explosive	[X] Yes [ ] No	Acute toxicity (any route of exposure)
[ ] Yes [X] No	Flammable (gases, aerosols, liquid, or solid)	[X] Yes [ ] No	Skin Corrosion or Irritation
[ ] Yes [X] No	Oxidizer (liquid, solid or gas)	[X] Yes [ ] No	Serious eye damage or eye irritation
[ ] Yes [X] No	Self-reactive	[ ] Yes [X] No	Respiratory or Skin Sensitization
[ ] Yes [X] No	Pyrophoric (liquid or solid)	[ ] Yes [X] No	Germ cell mutagenicity

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[ ] Yes [X] No	Pyrophoric gas	[ ] Yes [X] No	Carcinogenicity
[ ] Yes [X] No	Self-heating	[ ] Yes [X] No	Reproductive toxicity
[ ] Yes [X] No	Organic peroxide	[ ] Yes [X] No	Specific target organ toxicity (single or repeated exposure)
[ ] Yes [X] No	Corrosive to metal	[ ] Yes [X] No	Aspiration Hazard
[ ] Yes [X] No	Gas under pressure (compressed gas)	[ ] Yes [X] No	Simple Asphyxiant
[ ] Yes [X] No	In contact with water emits flammable gas	[ ] Yes [X] No	(Health) Hazard Not Otherwise Classified (HNOC)
[ ] Yes [X] No	Combustible Dust		
[ ] Yes [X] No	(Physical) Hazard Not Otherwise Classified (HNOC)		
CAS#	Hazardous Components (Chemical Name)	Other US El	PA or State Lists
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	CA TAC, Tit	ES: No; TSCA: Yes - Inventory; CA PROP.65: No; tle 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; p; NY Part 597: No; PA HSL: No
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	PROP.65: N	ES: No; TSCA: Yes - Inventory, 4 Test; CA No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CA TAC, Tit	ES: No; TSCA: Yes - Inventory; CA PROP.65: No; tle 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; p; NY Part 597: No; PA HSL: No
34398-01-1	Poly(oxy-1,2-ethanediyl),.alphaundecylomega.hydroxy-	CA TAC, Tit	ES: No; TSCA: Yes - Inventory; CA PROP.65: No; tle 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; p; NY Part 597: No; PA HSL: No

## **16. OTHER INFORMATION**

**Revision Date:** 03/26/2019

**Hazard Rating System:** 

Health Special Hazard

Additional Information About No data available.

This Product:

**Company Policy or** 

Disclaimer:

While Health Technology Professional Products, Inc. believes the statements set forth herein are accurate as of the date hereof, Health Technology Professional Products, Inc. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.