

SAFETY DATA SHEETS

This SDS packet was issued with item:

078676295

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

078677675 078677683 078677691 078677709 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.

CAUTION

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 Chemical Properties

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
Evaporation Rate: <1	Vapor Pressure: <17 mm Hg	Freezing Point(F°): <32°F

< means less than > means greater than

These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specific items.

10 Stability and Reactivity

Stability: Stable **Conditions to Avoid:** Temp. Extremes

Materials to Avoid: Strong Oxidizers, Anionic detergents will neutralize Quats and render them ineffective.

Hazardous Decomposition Products:

Carbon oxides, ammonia, nitrous oxides, hydrogen chloride

Hazardous Polymerization:

Will Not Occur

11 Toxicological Information

No Toxicology Information is available.

12 Ecological Information

No data available.

13 Disposal Considerations**Waste Disposal Method:**

Dispose of waste in accordance with federal, state and local regulations

14 Transport Information

HAZMAT: No **Hazard Code:** **ID Number:** N/A **Hazard Class:** N/A

Hazardous Division: None

Packaging Group: N/A

Hazardous Contents: None

15 Regulatory Information

Proposition 65: Not Listed.

EPA: Yes

16 Other Information

HMIS/NFPA Hazard Rating: **Health** **Flammability** **Reactivity**

The information contained herein is based on the data available to us. It is believed to be correct. No warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult distributor, **Health Technology**

MSDS Approval Date: 1/31/2011

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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, Inc.
11614 Sterling Ave.
Unit 101
Riverside, CA 92503
Phone Number: +1 (800)424-7536
+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 Phrases: Store locked up.
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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	<10.0 %
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	<10.0 %
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	< 5.0 %
34398-01-1	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-	< 5.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
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.
In Case of Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Signs and Symptoms Of Exposure:	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed:	No data available.

5. FIRE FIGHTING MEASURES

Flash Pt:	No data.	
Explosive Limits:	LEL: No data.	UEL: No data.
Autoignition Pt:	No data.	
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.	
Fire Fighting Instructions:	Wear self contained breathing apparatus for fire fighting if necessary. Further information. No data available.	
Flammable Properties and Hazards:	Carbon oxides, nitrogen oxides (NOx), Carbon oxides, Hydrogen chloride gas, Sodium oxides.	
Hazardous Combustion Products:	No data available.	

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-alkyldimethyl, 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),.alpha.-undecyl- l-.omega.-hydroxy-	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	No special respiratory protection equipment is required with normal use.
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 Practices:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	Clear Colorless, Liquid. Yellow.		
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):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Specific Gravity (Water = 1):	1.000 - 1.010		
Solubility in Water:	No data.		
Octanol/Water Partition Coefficient:	No data.		
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 - Instability:	Heat, flames and sparks.		
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong reducing agents.		
Hazardous Decomposition or Byproducts:	No data available.		
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]	
Conditions To Avoid - Hazardous Reactions:	No data available.		

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.

Sensitization: No data available.

Chronic Toxicological Effects: Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.
 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.

Carcinogenicity:		NTP? No	IARC Monographs? No	OSHA Regulated? No		
CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA	
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	n.a.	n.a.	n.a.	n.a.	
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	n.a.	n.a.	n.a.	n.a.	
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	n.a.	n.a.	n.a.	n.a.	
34398-01-1	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-	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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Revision: 03/26/2019

Supersedes Revision: 12/22/2016

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 Degradability:

Product is biodegradable.

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 #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No	No	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),.alpha.-undecyl-.omega.-hydroxy-	No	No	No

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

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute toxicity (any route of exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity

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Supersedes Revision: 12/22/2016

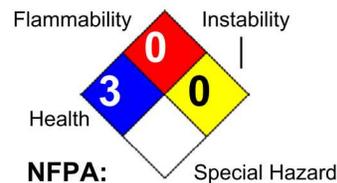
- | | | | |
|---|---|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Pyrophoric gas | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Carcinogenicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Self-heating | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Reproductive toxicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Organic peroxide | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corrosive to metal | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Aspiration Hazard |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Gas under pressure (compressed gas) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Simple Asphyxiant |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | In contact with water emits flammable gas | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | (Health) Hazard Not Otherwise Classified (HNOC) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Combustible Dust | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | (Physical) Hazard Not Otherwise Classified (HNOC) | | |

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
34398-01-1	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-	CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

16. OTHER INFORMATION

Revision Date: 03/26/2019

Hazard Rating System:



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.