

SAFETY DATA SHEETS

This SDS packet was issued with item:

078677691

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 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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Safety Data Sheet

1455HT

1 Material and Supplier Identification

Product Name: **Kennel Kare SC**

Description: Disinfectant/Cleaner/Deodorizer

Recommended use of the chemical and restrictions: Use only for the purpose on product label. This product is not intended to be used without prior dilution if specified on product label.

Supplier's Information: **Health Technology**
11614 Sterling Avenue, Suite 101
Riverside, CA 92503
800-424-7536 (Customer Service)

Emergency Telephone: (800) 255-3924 USA (813)248-0585 International (Chemtel 24 hrs)

2 Hazards Identification

Classification of Mixture: Not Classified

Pictogram: No Pictogram

Signal Word: DANGER

Hazard Statements: Causes severe skin burns and eye damage.



Precautionary Statements

General: Keep out of Reach of Children. Read label before use.

Prevention: Wash hands thoroughly after handling.

Response: IF ON SKIN: Take off contaminated clothing and wash before reuse. Rinse skin with water. If skin irritation persists: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If problem persists, call a Poison Center or get medical attention.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention immediately.

3 Composition/Information on Ingredients

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Concentration Range %</u>
Didecyl dimethyl ammonium chloride	7173-51-5	10.14
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	6.76

4 First Aid Measures

Eye Contact:	Flush eyes with water for 15 minutes. Remove contact lenses if any.
Skin Contact:	Contact with concentrate may be an irritant to sensitive skin. If spilt in large areas of skin, rinse immediately with water and remove clothing. Wash skin thoroughly with soap and water.
Inhalation	If discomfort is experienced after prolonged exposure to vapors, move person to fresh air. Get medical attention if irritation persists.
Ingestion:	Get medical attention immediately. Rinse mouth with water. Do NOT induce vomiting. Drink glass of water to dilute product.

5 Firefighting Measures

Suitable Extinguishing Media:	Water spray, normal foam, dry agent (carbon dioxide, dry chemical powder.)
Specific Hazards arising from the Chemical:	In a fire or if heated, a pressure increase will occur and the container may burst. Combustion products may include and are not limited to nitrogen oxides, carbon monoxide, and carbon dioxide.
Specific Protective Equipment and Precautions for Firefighters:	Firefighters should wear NIOSH approved self-contained breathing apparatus and protective clothing. If safe to do so, remove containers from path of fire. If involved in a fire, keep containers cool with water spray.

6 Accidental Release Measures

Emergency Procedures:	Keep area clear of personnel until area has been properly cleaned.
Personal Precautions/ Protective Equipment:	Slippery when spilt. To avoid accidents, clean up immediately and shut off source of leak, if safe to do so. Wear appropriate protective equipment to prevent any contamination of skin, eyes, and personal clothing. Provide sufficient ventilation.
Environmental Precautions:	If contamination of sewers or waterways has occurred, advise local emergency services.
Methods for Containment and Cleaning Up:	Contain spill with absorbent (soil, sand, or other inert material) or spill kit to prevent contamination of sewers or waterways. Neutralization agent is not recommended within building, as toxic vapors may be omitted. Properly dispose of used absorbents in accordance with local, state, and federal regulations.

7 Handling and Storage

Precautions for Safe Handling:	Avoid skin and eye contact, inhalation and ingestion. Wash hands thoroughly after use. Keep out of reach of children.
Conditions for Safe Storage, Including Incompatibilities:	Store in cool, dry place and out of direct sunlight. Store away from source of heat or ignition. Do not mix with other chemicals. Keep container closed when not in use, and check regularly for leaks. See Section 10 for incompatible materials.

8 Exposure Controls/Personal Protection

Control Parameters:

Hazardous Ingredients

Didecyl dimethyl ammonium chloride
Alkyl dimethyl benzyl ammonium chloride

ACGIH TLV

N/A
N/A

OSHA PEL

N/A
N/A

NIOSH IDLH

N/A
N/A

Appropriate engineering controls:

Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protection

Eye Protection: Use protective glasses or safety goggles if splashing or spray-back is likely.

Hand Protection: Use protective gloves when used for prolong periods or if skin sensitive.

Skin Protection: Use apron if splashing or spray-back is likely.

Respiratory Protection: Use in well ventilated areas or local exhaust ventilation when cleaning small spaces.

Hygiene Measures: Always wash hands after handling chemical products, and before smoking, eating, drinking, or using the toilet. Wash contaminated clothing or protective equipment before storage and re-use.

9 Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	1.0065	Vapour Pressure (mm Hg):	< 17 mm Hg
Color:	Yellow	Evaporation Rate:	< 1	Vapour Density:	> 1
Odor:	Lemon	Solubility in Water:	Complete	Freezing Point (°F):	< 32
pH:	6.5-7.5	VOC (g/L):	<5	Boiling Point (°F):	> 212
				Flash Point (°F):	> 200

< means less than

> means greater than

Note: 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 specification items.

10 Stability and Reactivity

Reactivity: No specific data

Chemical Stability: Stable

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Avoid exposure to heat and light.

Incompatible Materials: Slightly reactive or incompatible with oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and reactive metals (e.g., aluminum).

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological Information

Symptoms:

Eye Contact:	Adverse symptoms may include the following: irritation, watering, redness
Skin Contact:	Adverse symptoms may include the following: irritation, redness
Inhalation:	Adverse symptoms may include the following: respiratory tract irritation, coughing
Ingestion:	Adverse symptoms may include the following: stomach pains

Acute Toxicity:

Eye Contact:	May cause eye irritation.
Skin Contact:	May cause skin irritation.
Inhalation:	May cause respiratory irritation.
Ingestion:	May cause burns to mouth, throat and stomach.

Toxicity Data:

Hazardous Ingredients	Result	Species	Dose
Didecyl dimethyl ammonium chloride	LD50 - Oral	Rat	238 mg/kg
	LD50 - Dermal	Rabbit	3,342 mg/kg
Alkyl dimethyl benzyl ammonium chloride	LD50	Rat	344 mg/kg
	LD 50- Dermal	Rabbit	3,340 mg/kg

Chronic Effects: No known significant effects or critical hazards

12 Ecological Information

Ecotoxicity: No data available.

Aquatic Toxicity:

Hazardous Ingredients	Result	Species	Dose
Didecyl dimethyl ammonium chloride	No Data Available		
Alkyl dimethyl benzyl ammonium chloride	EC50	Daphnia Magna	<1.00 mg/l/48hrs

Other Adverse Effects: No known significant effects or critical hazards.

13 Disposal Considerations

Disposal Methods: Diluted product can be flushed to sanitary sewer. Discard empty container in trash. Dispose of waste in accordance with federal, state, and local regulations.

14 Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Ground Transport

DOT Classification:	Regulated
UN Number:	1903
Transport Hazard Class:	8
Packaging Group:	II
Hazardous Division:	Disinfectant Liquid, corrosive, n.o.s.
Hazardous Contents:	Quaternary Ammonium Compound

15 Regulatory Information

SARA Title III:	No
California Proposition 65:	No
Other Regulations:	EPA Regulated

16 Other Information

HMIS/NFPA Hazard Rating: Health: 2 Flammability: 0 Reactivity: 0

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 Health Technology.

SDS Revision Date: 7/8/2015