

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Dica-Quat
Product Use Quaternary Ammonium Sanitizer
Product Code 1050
Date of Issue 6/21/2017
Supersedes 6/16/2017

Emergency Telephone Numbers CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Acute Toxicity; Oral	Category 4
Skin Corrosion/Irritation	Category 1
Serious eye damage/ eye irritation	Category 1

Precautionary Statements:

P260	Do not breathe in mist/vapors/spray/fumes
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when handling product
P280	Wear protective gloves, clothing and eye protection
P301+P330+P331+P312	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a poison center or physician
P363	Wash all contaminated clothing before reuse
P405	Store locked up
P501	Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes	Causes irritation to serious eye damage, including blindness. Severity increases with duration of contact.
Skin	Causes irritation to burns depending on duration of contact.
Inhalation	Can cause irritation and burns to respiratory tract.
Ingestion	Corrosive to mucous membranes of the mouth, throat, esophagus, and stomach. Immediate burning pain in the mouth, throat, abdomen and sever swelling of the larynx. Can be fatal if swallowed.

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Quaternary Ammonium Compounds	-	<15
Phosphoric Acid	7664-38-2	<35

Section 4. First Aid Measures

Eye Contact	Flush with large amounts of clean water for 15 minutes. Seek immediate medical attention.
Skin Contact	Wash with running water and soap for 15 minutes. If a rash occurs or irritation continues, seek medical attention.
Inhalation	Remove person to fresh air. Begin CPR if breathing has stopped, and seek medical attention immediately.
Ingestion	Do not induce vomiting. If conscious, give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products	N/A
Extinguishing Media	Dry chemical, CO ₂ , foam or water fog; ABC fire extinguisher
Unsuitable Extinguishing Media	N/A
Fire Fighting Procedures	Wear protective gear. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up	All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.
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Section 7. Handling and Storage

Handling and Storage	Keep container tightly closed when not in use. Normal handling of liquids. Keep out of the reach of children. Have eyewash accessible to use in handling area.
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Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Phosphoric Acid (7664-38-2)	1mg/m ³	1mg/m ³		1mg/m ³

Engineering Controls Local exhaust is normally adequate

**Personal Protective Equipment (PPE)**

Eyes	Chemical splash goggles
Body	Rubber or neoprene gloves; rubber boots and apron
Respiratory	Not usually required. Use NIOSH approved respirator if build-up of mist or vapors is likely

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Clear to light pink	Vapor Pressure	N/A
Odor	Characteristic	Vapor Density	Heavier than air
Odor Threshold	N/A	Relative Density	N/A
pH	1.0-2.0	Solubility	Soluble
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	212°F-100°C	Auto-Ignition Temp.	N/A
Flash Point	200°F (SETAFLASH)	Decomposition Temp.	N/A
Evaporation Rate	Estimated slower than Ethyl Ether	Viscosity	N/A
Flammability	N/A	Specific Gravity	1.18-1.25

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Strong bases and strong oxidizing agents
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None
Conditions to Avoid	None

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral and Inhalation
Symptoms	Irritation to burns depending on duration of contact
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	None
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	1,217mg/kg	ATE determined Category 4
Oral	897mg/kg	ATE determined Category 4
Inhalation	No data	

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1903	Disinfectants, Corrosive Liquids, n.o.s. (Quaternary Ammonium Compound)	8	PGIII	CORROSIVE

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

State Regulations None
Phosphoric Acid **7664-38-2** **5,000**

Section 16. Other Information

Last Revision 6/21/2017

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.