



**Boldly Supporting the
Future of Farming**

Safety Data Sheet

1) Identification of Material and Manufacturer

Product Name	Fast Kleen
Product Use(s)	Cleaner
Manufacturer/Seller	QC Supply
Address	3906 Highway 49 N Collins, MS 39428
Emergency Telephone	Chemtrec 800.424.9300
Contact; E-mail	dfink@qcsupply.com

2) Hazards Identification

- a) **Classification:** Solution is non-hazardous.
- b) **Signal Words:** None
Hazard Statements: Mild irritant as concentrate
Precautionary Statements: Wash hands after use.
- c) **Unclassified Hazards:** None

3) Composition Information

Ingredient	CAS	Other Identifier	Concentration
Citric Acid	77-92-9	3-carboxy-3-hydroxypentanedioic acid	4% w/w
Quaternary ammonia	6842-85-1	dimethyl benzyl ammonium chloride	2% w/w

4) First Aid Measures

Inhalation	Move victim to fresh air. Seek medical attention if breathing is distressed.
Skin Contact	Not Harmful. Wash exposed area thoroughly with soap and water.
Eye Contact	Immediately flush eyes with water, remove contacts if present, flush with water again. Seek medical attention if irritation persists.
Ingestion	Not harmful in normal quantities. Seek medical attention if more than one gallon is ingested



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5) Firefighting Measures

Extinguishing Media	Water, carbon dioxide, or foam
Special Hazards	None
Additional Information	Firefighter should wear self-contained breathing apparatus, if possible.

6) Accidental Release Measures

In case of spill, leak, or release	Use absorbent. Collect in appropriate containers. Wash contaminated water into dedicated drain.
Method of waste disposal	Follow all local, municipal, state, and federal guidelines, if in the United States of America. For all other countries, consult local, regional, or country regulations as applicable to a non-hazardous product.

- *This material is non-hazardous.*

7) Handling and Storage

<ul style="list-style-type: none"> • Store in cool, dry location 	<ul style="list-style-type: none"> • Protect from heat, light, moisture 	<ul style="list-style-type: none"> • Use good personal hygiene
<ul style="list-style-type: none"> • Wash with soap and water 	<ul style="list-style-type: none"> • Safety glasses or goggles should be worn 	<ul style="list-style-type: none"> • Keep containers sealed

8) Exposure Controls and Personal Protection

Citric Acid	OSHA PEL	None Established
	ACGIH TLV	None Established
Quaternary ammonia	OSHA PEL	None Established
	ACGIH TLV	None Established

Engineering Controls	Use adequate ventilation from mechanical source to control airborne exposure.
Personal Protection	<ul style="list-style-type: none"> • None required • This product does not present an exposure threat



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9) Physical and Chemical Properties

Appearance	Clear to light-brown	Flash Point	Non-Flammable
Odor	Mild detergent	Est. Explosive Range Limit	LEL/UEL - Not Available
Odor Threshold	Not Applicable	Flash Point Method Used	Not Applicable
pH	4.2, as concentrate	Partition Coefficient	Not Available
Melting Point	Not Applicable	Density	8.66 lbs/gal
Boiling Point	approx. 215°C	Viscosity	Not Available
Vapor Pressure	Not Available	Explosive Properties	Not Explosive
Evaporation Rate	Not Available	Oxidizing Properties	Not an Oxidizer
Solubility in Water	Complete	Other Information	None

10) Stability and Reactivity Data

Chemical Stability	Stable
Conditions to Avoid	High Heat, sodium hypochlorite or other chlorinated products
Incompatibility	None
Hazardous Polymerization	Will not occur
Hazardous Decomposition	Will not occur

11) Toxicology Information

Citric Acid	LD₅₀	Not Established
Quaternary ammonia	LD₅₀	Not Established

- **Not considered orally toxic except with extreme intake levels.**
- **Not considered a skin corrosive or irritant under normal exposure.**
- **May cause eye irritation as evidenced by pain, redness and tearing of eyes.**
- **May be irritating to respiratory tract under normal conditions.**
- **Avoid breathing mist.**
- **Increased nasal mucous membrane production and increased tears in eyes may occur upon breathing mist.**
- **Germ cell mutagenicity has not been conducted for this material.**
- **This product does not contain any known carcinogens.**
- **This product does not cause reproductive toxicity.**



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12) Ecological Information

Toxicity	Not toxic to environment under U.S. EPA regulations.
Persistence/Degradation in Environment	Expected to completely degrade under typical circumstances under U.S. EPA standards.
Bioaccumulation	Does not accumulate under U.S. EPA standards.
Mobility in Soil	Not studied.

13) Disposal

- *Under applicable U.S. Environmental Protection Agency regulations this material is not considered to be environmentally hazardous in regards to waste disposal.*
- *Follow all local, municipal, U.S. state, and U.S. federal regulations if in the United States of America.*
- *For other countries consult your local, area, or country regulatory authority as applicable to a non-hazardous product.*

14) Transportation and Shipping

Americas Region	Not classified as hazardous by DOT for ground shipping
Proper Shipping Name	Not classified
U.N. Number	Not classified as hazardous
International	Follow U.N. recommendations in <i>The Transport of Dangerous Goods</i> (17th ed. rev.)
Ocean	Follow IMO International Maritime Dangerous Goods Code
Air	Follow IATA Dangerous Goods Regulation

15) Regulatory Information

Hazardous Compound Register Listed			SARA Section 312 Hazardous Categories		
CERCLA Sec. 103 RQ#	NO	EHS 302 TPQ	NO	Immediate (acute) Health Hazard	NO
RCRA Sec. 261.33	NO	TSCA Listed?	YES	Delayed (chronic) Health Hazard	NO
SARA Sec. 261.33 RQ#	NO	EPA Special Hazard	NO	Fire Hazard	NO
SARA 312 Name List	NO	CA Prop 65	NO	Reactivity Hazard	NO
SARA 313 Name List	NO	REACH Listed?	NO	Sudden Release of Pressure	NO



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16) Other Information

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.

RESOURCES:

United States Environmental Protection Agency
United States Occupational Health and Safety Administration
United States Department of Transportation
United State Drug Enforcement Administration
United Nations "Transport of Dangerous Goods" 17th Edition, 2011
International Maritime "Dangerous Goods Code"
International Air Transportation Association "Dangerous Goods Regulation"

TERMINOLOGY:

ACGIH	American Conference of Governmental Industrial Hygienists	RCRA	Resource Conservation and Recovery Act
CA	State of California, U.S.A.	REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
CAS	Chemical Abstract Services	SARA	Superfund And Reauthorization Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	TLV	Threshold Limit Value
EHS	Environmental Health and Safety	TPQ	Threshold Planning Quantity
HEPA	High Efficiency Particulate Air	TSCA	Toxic Substances Control Act
LEL	Lower Explosive Limit	UEL	Upper Explosive Limit
LD₅₀	Lethal dose for 50% of population	UN	United Nations
MSHA	Mine Safety Health Administration	IATA	International Air Transport Association
NIOSHA	National Institute of Occupational Safety and Health	EPA	Environmental Protection Agency
OSHA	Occupational Safety and Health Administration	DoT	Department of Transportation
PEL	Permissible Exposure Limits	IMO	International Maritime Organization