



MATERIAL SAFETY DATA SHEET

Georgia Steel & Chemical Co., Inc.
 Product information: (800) 296-0351 (301) 317-5502

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SECTION 1 - IDENTIFICATION

Product Type: Quaternary ammonium germicidal detergent disinfectant

Product Name: Special Respirator Cleaner Plus™

Part Number: FK300

HMS Ratings: Health: 2, Flammability: 0, Reactivity: 0

SECTION 2 - HAZARDOUS COMPONENTS

Hazardous Components	CAS#	OSHA PEL	ACIGIH TLV-TWA	OTHER LIMITS RECOMMENDED	PERCENT
Alkyl (C ₁₂ , 50%; C ₁₃ , 40%; C ₁₄ , 10%) dimethyl benzyl ammonium chloride	68391-01-5	Not est.	Not est.	None	5-10
Octyl decyl dimethyl ammonium chloride	32426-11-2	Not est.	Not est.	None	1-5
Didecyl dimethyl ammonium chloride	7173-51-5	Not est.	Not est.	None	1-5
Diocetyl dimethyl ammonium chloride	5538-94-3	Not est.	Not est.	None	1-5

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212° Fahrenheit	Specific Gravity (H ₂ O=1):	1.010
Vapor Pressure(MM Hg):	As water	Melting Point:	Not Applicable
Solubility in water:	Complete	Evaporation Rate:(Water=1)	1.0

Appearance and odor: Clear blue liquid with a pleasant sassafras odor.

**Exposure to sunlight may alter the color of this product but it does not have any adverse affect on the disinfectant properties of this product.*

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash point(Method Used): None to boiling TCC
 Flammable limits: LEL: NA UEL: NA
 Extinguishing Media: NA

Special Fire Fighting Procedures: None
 Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Stability: Unstable ☐ Stable ☒ Conditions to Avoid: Do not mix with other cleaning chemicals
Incompatibility (Materials to Avoid): Strong oxidizing or reducing agents.
Hazardous Decomposition or Byproducts: Ammonia, nitrogen oxides
Hazardous Polymerization: May Occur ☐ May Not Occur ☒
Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? No Eyes? (See below)
Health Hazards (Acute and Chronic): Direct eye contact can cause severe irritation. Repeated skin contact can cause irritation. Inhalation of mists can cause irritation to mucous membranes. Ingestion may cause severe irritation to mouth, throat, gastrointestinal tract, as well as circulatory shock and respiratory depression.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Eyes: Redness, tearing. Skin: irritation seen as redness. Ingestion: Burning pain in mouth, throat, abdomen, circulatory shock, convulsions.
Medical Conditions Generally Aggravated by Exposure: Dermatitis

Emergency & First Aid Procedures:

Eye Contact: Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.

Inhalation: Unlikely to occur, however, in the event of inhalation move victim to fresh air. If irritation persists, or if symptoms of overexposure develop, get medical attention.

Skin Contact: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.

Ingestion: DO NOT INDUCE VOMITING! Give promptly large quantities of egg whites or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Contact physician immediately.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in Case Material is Released or Spilled: Mop up or absorb or use solid absorbent and shovel into containers for disposal.

Waste Disposal Method: Dispose in compliance with Federal, State and Local laws and 40 CFR.

Precautions to be Taken in Handling and Storing: Keep container closed when not in use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): Not Applicable

Ventilation: Mechanical (General) is Sufficient

Protective Gloves: Rubber or neoprene

Eye Protection: Goggles

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Keep away from food and water supplies. Open dumping is prohibited. Do not reuse empty container. Wash hands thoroughly after using product.