

MATERIAL SAFETY DATA SHEET

Georgia Steel & Chemical Co., Inc.
10810 Guilford Rd
Annapolis Junction, MD 20701

Product Information: (301) 317-5502
Emergency: (800) 296-0351
Document Number: MSDS100 Rev F
Date Revised: 08/10/10

Section 1 – Identification	
Product Number:	FK300, FK300C, FK300G, FK300GC
Product Name:	Special Respirator Cleaner Plus™
Product Type:	Quaternary ammonium germicidal detergent disinfectant

Hazard Rating	
Health	2
Fire	0
Reactivity	0
Personal Protective Equipment	B

Scale:	4- Extreme
	3- High
	2- Moderate
	1- Slight
	0- Insignificant

Section 2 – HAZARDOUS COMPONENTS						
Hazardous Materials (HAZMAT):			OSHA		ACGIH	
Component	CAS #	% Weight	TWA	STEL	PEL	15-min-Ceiling
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ . 10%) dimethyl benzyl ammonium chloride	68391-01-5	5-10	N/E	N/E	N/E	N/E
Octyl decyl dimethyl ammonium chloride	32426-11-2	1-5	N/E	N/E	N/E	N/E
Didecyl dimethyl ammonium chloride	7173-51-5	1-5	N/E	N/E	N/E	NE/
Diocetyl dimethyl ammonium chloride	5538-94-3	1-5	N/E	N/E	N/E	N/E

Active Ingredients:	-
Other Ingredients:	-

Section 3 – PHYSICAL / CHEMICAL CHARACTERISTICS			
Color:	Blue	Boiling Point:	212°F
State:	Liquid	Melting Point:	N/A
Odor:	Pleasant sassafras odor	Solubility in Water:	Complete
pH:	-	Percent Volatile:	-
Vapor Density:	Same as water	Evaporation Rate:	1.0
Specific Gravity (H₂O = 1):	1.010	Vapor Pressure (mmHg 20C):	Same as water

*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:	None to boiling TCC		
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards:	None		
Flammable limits:	Lower Level:	N/A	Upper Level: N/A

Section 5 – REACTIVITY DATA	
Stability:	Stable
Conditions to Avoid:	Do not mix with other cleaning chemicals.
Materials to Avoid:	Strong oxidizing or reducing agents
Hazardous Decomposition or Byproducts:	Ammonia, nitrogen oxides
Hazardous Polymerization:	May not Occur

MATERIAL SAFETY DATA SHEET

Section 6 – HEALTH HAZARD DATA			
Primary Route of exposure:	Ingestion, Skin, Eyes		
Health Effects of overexposure:	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. Dermatitis generally aggravated by exposure		
Signs or Symptoms of Overexposure (Acute):	Eyes: Redness, tearing. Skin: irritation seen as redness. Ingestion: Burning pain in mouth, throat, abdomen, circulatory shock, and convulsions		
Signs or Symptoms of Overexposure (Chronic):	-		
Carcinogenicity:	NTP: No	IARC: No	OSHA Reg: No
Section 7 – SPILL OR LEAK PROCEDURES			
Clean Up:	Mop up or absorb or use solid absorbent and shovel into containers for disposal.		
Disposal:	Dispose in compliance with Federal, State, and Local laws and 40 CFR. Open dumping is prohibited. Do not reuse empty container and wash hands thoroughly after using product		
Handling and Storage:	Keep container closed when not in use. Keep away from food and water supplies		
Section 8 – CONTROL MEASURES			
Eye Protection:	Goggles		
Skin Protection:	Rubber or neoprene gloves		
Repertory Protection:	N/A		
Ventilation Procedures:	Mechanical (General) is Sufficient		
Section 9 – EMERGENCY AND FIRST AID PROCEDURES			
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.		
Eye Contact:	Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.		
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.		
Notes for Physician:	Probable mucus damage may contraindicate the use of gastric lavage.		
Section 10 – ADDITION PRECAUTIONS			
DOT:	-		
KEEP OUT OF THE REACH OF CHILDREN.			

ABBREVIATIONS:	
ACGIH	= American Conference of Government Industrial Hygienists
IATA	= International Air Transport Association
ICAO	= International Civil Aviation Organization
OSHA	= Occupational Safety and Health Administration
PEL	= Permissible Exposure Limit
STEL	= Short-Term Exposure Limit
TLV	= Threshold Limit Value
TWA	= Time Weighted Average
WHIMS	= Workplace Hazardous Materials Information System
N/A	= Not Applicable
N/E	= Not Established

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY EXPRESSED OR IMPLIED IS GIVEN FOR THE CONTINUING ACCURACY OF THIS INFORMATION.**