

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: MSDS108: Rev: G
Date Revised: 08/10/10

Section 1 – Identification	
Product Number:	CG747
Product Name:	Clean-Gear II Spray Disinfectant
Product Type:	Spray Disinfectant

Hazard Rating	
Health:	1
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
Octyl decyl dimethyl Ammonium chloride	32426.11-2	0.025				
Diocetyl dimethyl Ammonium chloride	5538-94-3	.010				
Didecyl dimethyl Ammonium chloride	7173-51-5	0.015				
Alkyl (C12,40%; C16, 10%)dimethyl benzyl ammonium chloride	68424-85-1	0.034				

Active Ingredients:	
Other Ingredients:	99.916 (Inert ingredients include water, fragrance, and dye)

Section 3 – PHYSICAL / CHEMICAL CHARACTERISTICS			
Appearance:	Orange liquid	Vapor Density:	Unknown
Color:	Orange	Melting Point:	-
State:	Liquid	Solubility in Water:	Complete
Odor:	Pleasant odor	Evaporation Rate:	Same as water
pH:	9.8	Percent Volatile:	-
Viscosity:	-	Boiling Point (°F):	Near 212
Specific Gravity (H₂O =1):	1.015 + 0.005		

Section 4 – FIRE AND EXPLOSION HAZARD DATA			
Flash Point:	None to boiling		
Special Fire Fighting Procedures:	Co2 - Dry chemical - Foam - Water Spray		
Unusual Fire and Explosion Hazards:	None Known		
Flammable limits:	Lower Level:	Unknown	Upper Level: Unknown

Section 5 – REACTIVITY DATA	
Stability:	Stable
Conditions to Avoid:	None Known
Materials to Avoid:	None Known
Hazardous Decomposition or Byproducts:	Carbon Monoxide and other unidentified organic gases may occur during incomplete combustion
Hazardous Polymerization:	Will not occur

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Section 6 – HEALTH HAZARD DATA	
Primary Route of exposure:	Eye, Skin, Ingestion, Inhalation
Health Effects of overexposure:	Not Known
Signs or Symptoms of Overexposure (Acute):	Eyes: Redness, severe eye damage Skin: Redness, possible skin irritation Swallowing: Probable mucosal damage, possible respiratory depression, possible convulsions
Signs or Symptoms of Overexposure (Chronic):	None known
Carcinogenicity:	None

Section 7 – SPILL OR LEAK PROCEDURES	
Clean Up:	
Disposal:	
Handling and Storage:	Precautions To Be Taken in Storage and Handling: Do not contaminate food or water by storage or disposal

Section 8 – CONTROL MEASURES	
Eye Protection:	Goggles recommended
Skin Protection:	Medical style gloves recommended
Respiratory Protection:	Not necessary
Ventilation Procedures:	Local exhaust

Section 9 – EMERGENCY AND FIRST AID PROCEDURES	
Inhalation:	Not Applicable
Skin Contact:	If irritation develops, immediately stop using the product and wash area with water for 15 minutes - if irritation persists, call a physician
Eye Contact:	Flush immediately with water for 15 minutes. Call a Physician
Ingestion:	Drink milk, egg whites, or gelatin solution. If these products are not available, drink large quantities of water and call a physician
Notes for Physician:	

Section 10 – ADDITION PRECAUTIONS	
DOT:	No shipping restrictions by ground or air or internationally
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.**