

# MATERIAL SAFETY DATA SHEET

Georgia Steel & Chemical Co., Inc.  
10810 Guilford Rd, Suite 104  
Annapolis Junction, MD 20701

Product Information: (301) 317-5502  
Emergency: (800) 296-0351  
Document Number: MSDS108: Rev: I  
Date Revised: 06/29/2013

<b>Section 1 - Identification</b>	
<b>Product Number:</b>	CG747
<b>Product Name:</b>	Clean-Gear II Spray Disinfectant
<b>Product Type:</b>	Spray Disinfectant

Hazard Rating	
<b>Health:</b>	1
<b>Fire:</b>	0
<b>Reactivity:</b>	0
<b>Personal Protective Equipment:</b>	B

<b>Scale:</b>	4- Extreme
	3- High
	2- Moderate
	1- Slight
	0- Insignificant

<b>Section 2 - HAZARDOUS COMPONENTS</b>						
<b>Hazardous Materials (HAZMAT):</b>			<b>OSHA</b>		<b>ACGIH</b>	
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%; C10, 10%)dimethyl benzyl ammonium chloride	68424-85-1	0.034				

<b>Active Ingredients:</b>	
<b>Other Ingredients:</b>	99.916 (Inert ingredients include water, fragrance, and dye)

<b>Section 3 - PHYSICAL / CHEMICAL CHARACTERISTICS</b>			
<b>Appearance:</b>	Orange yellow liquid	<b>Vapor Density:</b>	Unknown
<b>Color:</b>	Orange yellow liquid	<b>Melting Point:</b>	-
<b>State:</b>	Liquid	<b>Solubility in Water:</b>	Complete
<b>Odor:</b>	Pleasant odor	<b>Evaporation Rate:</b>	Same as water
<b>pH:</b>	9.8	<b>Percent Volatile:</b>	-
<b>Viscosity:</b>	-	<b>Boiling Point (°F):</b>	Near 212
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.015 + 0.005		

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

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

# MATERIAL SAFETY DATA SHEET

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

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

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

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

<b>Section 10 – ADDITION PRECAUTIONS</b>	
<b>DOT:</b>	Not dangerous goods. 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.**