

MATERIAL SAFETY DATA SHEET

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

Product Information: (301) 317-5502
Emergency: (800) 296-0351
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Section 1 – Identification	
Product Number:	FK260, FK260-G, FK260-F, FK260-GC
Product Name:	Heavy-Duty Detergent
Product Type:	Cleaner and degreaser for safety equipment

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 (ppm)	PEL (ppm)	15-min-Ceiling
Water	7732-18-5	>90	-	-	-	-
Linear Ethoxylated Alcohol	63393-82-8	<5	N/A	N/A	N/A	N/A
Glycol Ether PnB	5131-66-8	<5	N/A	N/A	N/A	N/A

Active Ingredients:	-
Other Ingredients:	-

Section 3 – PHYSICAL / CHEMICAL CHARACTERISTICS			
Color:	Green	Vapor Pressure (mmHg 20C):	N/E
State:	Liquid	Melting Point (°F):	N/A
Odor:	Non-descript	Solubility in Water:	Complete
pH:	12	Evaporation Rate:	>Water
Viscosity:	N/E	Percent Volatile:	>90
Specific Gravity (H₂O = 1):	.995	Boiling Point (°F):	190-212
LC50:	*>=10 mg/L		
*Theoretical Value Only			

Section 4 – FIRE AND EXPLOSION HAZARD DATA			
Flash Point (°F):	150 (TCC)		
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards:	None are known		
Flammable limits:	Lower Level:	- N/A	Upper Level: - N/A

Section 5 – REACTIVITY DATA	
Stability:	Stable.
Conditions to Avoid:	None Known.
Materials to Avoid:	Do not mix with other chemicals.
Hazardous Decomposition or Byproducts:	Thermal decomposition may generate toxic materials such as oxides of carbon or sulfur.
Hazardous Polymerization:	Will not occur

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Section 6 – HEALTH HAZARD DATA	
Primary Route of exposure:	Eyes, Inhalation, ingestion,
Health Effects of overexposure:	N/E
Signs or Symptoms of Overexposure (Acute):	Eyes: Redness, Tearing, Burning Inhalation: irritated of respiratory passages Skin: Redness, dryness, irritation, swelling, or blistering. Ingestion: May cause severe irritation or damage of mucosal linings of the mouth, throat, esophagus or stomach.
Signs or Symptoms of Overexposure (Chronic):	
Carcinogenicity	None

Section 7 – SPILL OR LEAK PROCEDURES	
Clean Up:	Mop up or absorb or use solid absorbent and shovel into containers for disposal. Small spills less than five gallons may be disposed of in wastewater treatment systems. Larger spills should be collected and disposed of in approved sanitary landfill.
Disposal:	Product is biodegradable, does not contain phosphates and is non-toxic in use dilution. Dispose in compliance with Federal, State, and Local laws and 40 CFR.
Handling and Storage:	Keep away from food and water supplies.

Section 8 – CONTROL MEASURES	
Eye Protection:	Splash proof goggles
Skin Protection:	Protective gloves: Chemically resistant
Repertory Protection:	None necessary under local ventilation.
Ventilation Procedures:	Local exhaust

Section 9 – EMERGENCY AND FIRST AID PROCEDURES	
Inhalation:	Move victim to fresh air.
Skin Contact:	Avoid overexposure. If irritation develops, wash area with water for 15 minutes with soap and water. If irritation persists, seek medical attention.
Eye Contact:	Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing the entire eye. Call a physician.
Ingestion:	Do not induce vomiting. Give promptly drink large quantities of water or milk. Call a physician immediately. Never give anything by mouth or induce vomiting in an unconscious person.
Notes for Physician:	-

Section 10 – ADDITION PRECAUTIONS	
DOT:	Not DOT Regulated.
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.**