

# MATERIAL SAFETY DATA SHEET

Georgia Steel & Chemical Co., Inc.  
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Product Information: (301) 317-5502  
Emergency: (800) 296-0351  
Document Number: MSDS107 Rev G  
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Section 1 – Identification	
<b>Product Number:</b>	FK265
<b>Product Name:</b>	Heavy-Duty Detergent / Degreaser
<b>Product Type:</b>	Cleaner and degreaser for safety equipment

Hazard Rating	
<b>Health</b>	3
<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

Section 2 – HAZARDOUS COMPONENTS						
Hazardous Materials (HAZMAT):			OSHA		ACGIH	
Component	CAS #	% Weight	TWA	STEL (ppm)	PEL (ppm)	15-min-Ceiling
2-butoxyethanol	111-76-2	5.00%	-	25 (Skin)	25 (Skin)	-

<b>Active Ingredients:</b>	-
<b>Other Ingredients:</b>	-
This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200	

Section 3 – PHYSICAL / CHEMICAL CHARACTERISTICS			
<b>Color:</b>	Blue	<b>Vapor Pressure (mmHg 20C):</b>	Not Established
<b>State:</b>	Liquid	<b>Melting Point (°F):</b>	Not Applicable
<b>Odor:</b>	Non-descript odor	<b>Solubility in Water:</b>	Complete
<b>pH:</b>	12.8-13.2	<b>Evaporation Rate:</b>	Not Established
<b>Viscosity:</b>	Not Applicable	<b>Percent Volatile:</b>	Not Applicable
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.03	<b>Boiling Point (°F):</b>	212
<b>LC50:</b>	*>=10mg/L		
*Theoretical Value Only			

Section 4 – FIRE AND EXPLOSION HAZARD DATA			
<b>Flash Point:</b>	200°F (PMCC)		
<b>Special Fire Fighting Procedures:</b>	None		
<b>Unusual Fire and Explosion Hazards:</b>	Not Applicable, product does not support combustion.		
<b>Flammable limits:</b>	<b>Lower Level:</b>	-	<b>Upper Level:</b> -

Section 5 – REACTIVITY DATA	
<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	-
<b>Materials to Avoid:</b>	Do not mix with other chemicals.
<b>Hazardous Decomposition or Byproducts:</b>	-
<b>Hazardous Polymerization:</b>	Will not occur

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Section 6 – HEALTH HAZARD DATA	
<b>Primary Route of exposure:</b>	Eyes, Inhalation, ingestion,
<b>Health Effects of overexposure:</b>	Eyes: Causes eye damage. Skin: Avoid exposure (may cause irritation) IF SWALLOWED: Harmful. Causes stomach distress.
<b>Signs or Symptoms of Overexposure (Acute):</b>	Eyes: Redness, Tearing, Burning
<b>Signs or Symptoms of Overexposure (Chronic):</b>	2-Butoxyethanol has been found to cause blood, kidney and liver effects in laboratory animals. Inhalation: Nausea, Headache, irritated nasal passages Skin: Redness, dryness, irritation Ingestion: Gastrointestinal disturbances Effects of overexposure:
<b>Carcinogenicity</b>	None

Section 7 – SPILL OR LEAK PROCEDURES	
<b>Clean Up:</b>	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.
<b>Disposal:</b>	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.
<b>Handling and Storage:</b>	Keep away from food and water supplies. Handling and Storage: Keep out of reach of children.

Section 8 – CONTROL MEASURES	
<b>Eye Protection:</b>	Splash proof goggles
<b>Skin Protection:</b>	Protective gloves: Chemically resistant
<b>Repertory Protection:</b>	None necessary
<b>Ventilation Procedures:</b>	Local exhaust

Section 9 – EMERGENCY AND FIRST AID PROCEDURES	
<b>Inhalation:</b>	-
<b>Skin Contact:</b>	Avoid overexposure. If irritation develops, wash area with water for 15 minutes with soap and water. If irritation persists, seek medical attention.
<b>Eye Contact:</b>	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.
<b>Ingestion:</b>	Give promptly a large quantity of egg whites or gelatin solution. If these are not available, drink large quantities of water. Call a physician immediately. Never give anything by mouth or induce vomiting in an unconscious person. Inhalation: Move to fresh air. If symptoms persist, seek medical attention.
<b>Notes for Physician:</b>	-

Section 10 – ADDITION PRECAUTIONS	
<b>DOT:</b>	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.**