



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
LFC LOW FOAM CHLORINATED DEGREASER
Product Number: 3075

Product Division:
Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**
Medical Emergency: **1-(888)-314-6171 (24 hours)**
Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Compounds, cleaning liquid, 8, NA 1760, II, (contains sodium hypochlorite, potassium hydroxide)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 0 - Minimal Reactivity: 1- Slight	Health: 3 - Serious Fire: 0 - Minimal Reactivity: 1- Slight Pers. Prot. Equip.: B - Safety Glasses; gloves

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Sodium hypochlorite	01-05	7681-52-9	Not Established	Not Established	Not Established	No
Potassium hydroxide	01-05	1310-58-3	Not Established	Not Established	2	No
Sodium silicate	01-05	1304-09-8	Not Established	Not Established	Not Established	No
Sodium 2-ethylhexyl sulfate	01-05	126-92-1	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: >212 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 13-14	Specific Gravity (H ₂ O=1): 1.16
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 17.5
Physical State: Liquid	
Appearance & Odor: Clear, light yellow liquid, bleach odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Regular dry chemical, carbon dioxide, water	
Special Fire Fighting Procedures: Avoid inhalation of combustion by-products.	
Unusual Fire & Explosive Hazards: Decomposition products may include chlorine.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid:	Causes eye and skin damage. Inhalation may cause respiratory irritation or damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Avoid breathing product vapors or mists. Do not swallow. Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema, or obstructive lung disease. Do not use or mix with other cleaning products, acids, ammonia, or other chemicals. To do so may release hazardous gases.
Conditions Aggravated by Use:	Use of this product may aggravate preexisting respiratory or heart conditions.

Emergency & First Aid Procedures:

Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention immediately.
Skin:	Immediately flush skin with water for 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes. If irritation persists; get medical attention.
Ingestion:	If swallowed; do not induce vomiting. Drink 1 or 2 glasses of water or milk. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. Get medical attention immediately.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Acids; ammonia; iron; copper and other oxidizable materials
Hazardous Decomposition Products: Hypochlorous acid, chlorine	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Small quantities may be flushed with water into sanitary sewer. Larger quantities should be contained and picked up with sand, vermiculite, or other compatible absorbent material and disposed of in accordance with Federal, State, and Local regulations.
Waste Disposal Method:	Same as above

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required under most conditions. However, in extreme cases use a NIOSH/MSHA approved respirator equipped with chemical cartridge for protection against chlorine and a dust/mist pre-filter.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or waterproof gloves
Eye Protection(Specify Type):	Goggles
Other Protective Equipment:	Under some conditions of use, resistant aprons and boots are recommended.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Store in a cool, dry area. Extended storage at higher temperatures will decrease the shelf life of this product.
Other Precautions:	Keep out of reach of children

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**LFC LOW FOAM CHLORINATED
DEGREASER**

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 10/27/99

Changes: New Product

Title: Manager, Regulatory Affairs

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