

# SAFETY DATA SHEET

## OSHA-174

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200  
Standard must be consulted for specific requirements.

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### SECTION 1: IDENTIFICATION

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**Manufactured By:** Gold Coast Chemicals  
**Address:** 2357 Stirling Road  
Fort Lauderdale, Fl. 33312  
(954) 893-0044

Telephone No. for Info:  
Emergency Contact: **CHEM-TEL**  
Emergency No.: (800) 255-3924  
**Product Name:** LIFT OFF  
Prepared Date: February 25, 2015

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### SECTION 2: HAZARD(S) IDENTIFICATION

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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CHEMICAL NAME (CAS #)	%	PEL	TLV	STEL
SODIUM HYDROXIDE (CAS # 1310-73-2)	<15%	N/A	N/A	N/A
ALKYL AMINO ACID (CAS # 64972-19-6)	<5%	N/A	N/A	N/A

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### SECTION 4: FIRST AID MEASURES

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**Routes of Entry:** Skin, Eyes, Ingestion, Inhalation

**Health Hazards (Acute or Chronic):** N/A

**Signs and Symptoms of Exposure:** May cause severe burns to skin and eyes. May cause severe burns to all mucous membranes if inhaled and may cause severe burns to lungs. If ingested may cause severe burns to gastrointestinal system. Effects may not be immediate.

**Medical Conditions Generally Aggravated By Exposure:** N/A

#### **EMERGENCY & FIRST AID PROCEDURES:**

**SKIN:** Immediately remove all contaminated clothes and shoes. Thoroughly flush affected areas for not less than 15 minutes with water. Get immediate medical aid.

**EYES:** Immediately flush eyes with water for at least 15 minutes. Speed in first aid to eyes may save sight. Get immediate medical attention.

**INGESTION:** Do not induce vomiting. If patient is conscious give milk, egg white, gelatin solution, antacid tablets or liquid, or if none of these are available, give water. Get medical aid immediately.

**INHALATION:** Immediately remove patient to fresh air. If conscious, get medical aid. If unconscious, give artificial respiration and get immediate medical aid.

**Conditions aggravated by exposure:** Osteoporosis

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**PRODUCT NAME: LIFT OFF**

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**Flash Point:** None (TOC)**Flammability Limits:** N/A**Extinguishing media:** Water, CO<sub>2</sub>, Dry Chemical, Foam**Upper:**           **Lower:****Special Fire-fighting Procedure:****Unusual Fire/Explosion Hazard:** Fumes from heated material are highly corrosive to tissue and toxic. Wear protective clothing and self-contained breathing apparatus.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Steps to be taken in case material is released or spilled: **SMALL SPILLS:** If possible neutralize with sodium bicarbonate, sodium carbonate (soda ash), or other safe carbonate. Re-containerize by mopping, wet vacuum, or by using a suitable absorbent. Rinse remaining materials to drain.**Waste Disposal Method:** Follow local, state and federal guidelines.

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**SECTION 7: HANDLING & STORAGE**

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**Precautions to be taken in handling and storing:** Store between 34° and 120°F.**Other precautions:** KEEP OUT OF REACH OF CHILDREN. For sale to, use and storage by service personnel only.**Respiratory Protections:** Approved NIOSH respirator.**Ventilation:** Mechanical to reduce fumes below PEL**Protective Gloves:** Latex or Rubber**Eye Protection:** Chemicals goggles and full face shield.**Other Protective clothing or equipment:** Rubber boots and full acid suit.**Work / Hygienic practices:**

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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COMPONENT	EXPOSURE LIMITS	CONTROL	BASIS
SODIUM HYDROXIDE	N/A	N/A	N/A
ALKYL AMINO ACID	N/A	N/A	N/A

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**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

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**Boiling Point:** 212°F**Vapor Pressure (mm Hg):** 760 mm Hg**Vapor Density (air = 1):** 0.7**Solubility in water:** Complete**Appearance and Odor:** Red liquid**Specific Gravity (H<sub>2</sub>O = 1)** 1.194**Melting Point:****Evaporation Rate (butyl acetate = 1)** Not Est.**% Volatile by volume:** 68**pH:** 12

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**SECTION 10: STABILITY & REACTIVITY**

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**Stability:** Stable hydrogen fluoride gas dissolved in water will leave solution on standing.**Conditions to avoid:** Any elevated temperatures.**Incompatibility:** All alkalis, reducing agents, and reducible organics.**Hazardous Decomposition:** Hydrogen fluoride and other materials varying by contact.**Hazardous Polymerization:** Will not occur**Conditions to avoid:** None

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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<b>NTP?</b>	<b>IARC Monographs?</b>	<b>OSHA Regulated?</b>
No Data Available	No Data Available	No Data Available

**Signs and Symptoms of Exposure**

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**Prepared by: Roy Harding**

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