

# 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.

### SECTION 1: IDENTIFICATION

**Manufactured By:** EARTH GROUP Inc. **For:** Gold Coast Chemicals  
**Address:** 7575 NW 74th Ave  
Medley, Florida 33166  
(954) 893-0044  
**Telephone No. for Info:**  
**Emergency Contact:** CHEM-TEL  
**Emergency No.:** (800) 255-3924  
**Product Name:** SAFE & SOUND  
**Prepared Date:** April 6, 2015

### SECTION 2: HAZARD(s) IDENTIFICATION



#### IRRITANT

May cause skin and eye irritation.



#### CORROSIVE

Causes severe skin and eye burns.



#### TOXIC

Fatal if swallowed.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME (CAS #)	%	PEL	TLV	STEL
Water (CAS # 7732-18-5)	QS	N/A	N/A	N/A
Oxalic Acid (CAS # 144-62-7)	4-5%	N/A	N/A	N/A
Ammonium Bifluoride (CAS # 1341-49-7)	5-6%	N/A	N/A	N/A

### SECTION 4: FIRST AID MEASURES

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

**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 mucous membranes if inhaled can may cause severe burns to lungs. If ingested may cause severe burns to gastrointestinal system.

**Medical Conditions Generally Aggravated By Exposure:** None

#### 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 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 to medical aid immediately.

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

**Conditions aggravated by exposure:** Osteoporosis

---

**PRODUCT NAME: SAFE & SOUND**

---

---

**SECTION 5: FIRE-FIGHTING MEASURES**

---

**Flash Point:** None (TOC)

**Flammability Limits:** N/A

**Extinguishing media:** Water, CO<sub>2</sub>, Dry Chemical, Foam

**Upper:**            **Lower:**

**Special Fire-fighting Procedure:** N/A

**Unusual Fire/Explosion Hazard:** Heated material will liberate corrosive and irritation hydrogen chloride fumes. Wear protective clothing and self-contained breathing apparatus.

---

---

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

Steps to be taken in case material is released or spilled: For Small Spills, if possible neutralize with sodium bicarbonate, sodium carbonate (soda ash) or other safe carbonate. Recontainerize by mopping, wet vacuum, or by using a suitable absorbent.

Waste Disposal Method: Consult local environmental authorities for disposal information according to Local, State and Federal Guidelines.

---

---

**SECTION 7: HANDLING & STORAGE**

---

**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:** Rubber or Latex.

**Eye Protection:** Chemical Goggles and full face shield

**Other Protective clothing or equipment:** Rubber boots and full acid suit.

**Work / Hygienic practices:** N/A

---

---

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

---

COMPONENT	EXPOSURE LIMITS	CONTROL	BASIS
Water	N/A	N/A	N/A
Oxalic Acid	N/A	N/A	N/A
Ammonium Bifluoride	N/A	N/A	N/A

---

---

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

---

Boiling Point: 212°F

Specific Gravity (H<sub>2</sub>O = 1) 1.068

Vapor Pressure (mm Hg): N/E

Melting Point:

Vapor Density (air = 1): N/E

Evaporation Rate (butyl acetate = 1) N/E

Solubility in water: Complete

% Volatile by volume: <1

Appearance and Odor: Thin, colorless liquid

pH: <1.0

---

---

**SECTION 10: STABILITY & REACTIVITY**

---

Stability: Stable

Conditions to avoid: None

Incompatibility: Will react with many metals, alkalies and organics

Hazardous Decomposition: Hydrogen, chlorine and many others depending on material contacted.

Hazardous Polymerization: Will not occur

Conditions to avoid: None

---

---

**PRODUCT NAME: SAFE & SOUND**

---

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

---

<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**

**Signs and Symptoms of Exposure:** May cause severe burns to skin and eyes, may cause severe burns to mucous membranes if inhaled can may cause severe burns to lungs. If ingested may cause severe burns to gastrointestinal system.

The information contained in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or implied regarding the product described in this SDS shall be created or inferred by any statements in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may not be by this SDS. The user is responsible for full compliance.

**Prepared by: Roy Harding**

---