

**SECTION 1 PRODUCT IDENTIFICATION**

Product Name: TRAILBRITE

Chemical Name/Synonyms: N/A

Chemical Family: ACID BASE ALUMINUM BRIGHTENER AND CLEANER

NFPA Acute Hazard Rating: Health 2 Flammability 0 Reactivity 0**SECTION 2 CHEMICAL COMPOSITION**All CERCLA Hazardous Substances  1% and Carcinogens  0.1% are Listed

Ingredient (Chemical Name)	CAS#	%Range	PEL	LD50mg/kg	Other
HYDROFLUORIC ACID	764-39-3	<15%	2.5mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	N/A
PHOSPHORIC ACID	7664-38-2	<15%	1 mg/m <sup>3</sup>	3 mg/cum	N/A
Balance Non-Hazardous Ingredients					

**SECTION 3 EMERGENCY AND FIRST AID PROCEDURES****Eye Contact:** FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING LIDS

OCCASIONALLY, GET MEDICAL ATTENTION AT ONCE.

**Skin Contact:** REMOVE CONTAMINATED CLOTHES AND WASH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

GET MEDICAL ATTENTION IF NECESSARY.

**Inhalation:** MOVE VICTIM TO SOURCE OF FRESH AIR. IF BREATHING HAS STOPPED ADMINISTER ARTI-

FICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.

**Ingestion:** DRINK LARGE AMOUNTS OF WATER THEN SEVERAL GLASSES OF MILK. GET MEDICAL ATTENTION.**SPECIAL INSTRUCTIONS FOR PHYSICIAN:** CONTAINS HYDROFLUORIC ACID <15%**SECTION 4 PHYSIOLOGICAL EFFECTS****Primary Routes of Entry Into the Body:**Skin Absorption XX Inhalation X Ingestion**Acute Effects:** EYES: MAY CAUSE BURNS.

SKIN: SEVERITY OF INJURY DEPENDS ON PRODUCT CONCENTRATION AND DURATION OF EXPOSURE. IMMEDIATE ACTION IS NECESSARY TO LIMIT SEVERITY OF INJURY.

INHALATION: MAY CAUSE SEVERE IRRITATION TO UPPER RESPIRATORY TRACT. NOT LIKELY TO

BE A PROBLEM UNDER NORMAL CONDITIONS.

INGESTION: MAY CAUSE SYSTEMIC TOXIC EFFECTS AS WELL AS TISSUE DAMAGE TO GI TRACT.

CHRONIC EFFECTS: (Including Carcinogenic Potential) GASTRIC INTESTINAL, CIRCULATORY, NERVOUS COMPLAINTS, SKIN RASHES

**SECTION 5 OCCUPATIONAL PROCEDURES****Ventilation:** Local Exhaust X General Exhaust      None Required

IT IS A GOOD PRACTICE WHEN USING CHEMICAL/CLEANING COMPOUNDS TO ALWAYS WORK IN A WELL VENTILATED AREA.

**Personal Protective Equipment:**

Respirator Type:

Gloves: Natural Rubber X Plastic      Nitrile      Neoprene X Butyl      OtherEye Protection: Glasses w/Side Shields X Full Face Shield

**SECTION 6 PHYSICAL DATA****Appearance:** CLEAR LIQUID WITH ACID ODOR**Physical State:** Solid \_\_\_\_\_ Liquid  GasBoiling Point: 212F Freeze Point: 32F Specific Gravity: 1.10pH (Full Strength): \_\_\_\_\_ pH (Dilution): \_\_\_\_\_ Solubility in Water: COMPLETEVapor Pressure: NE Vapor Density: NEEvaporation Rate: 1 (Water=1) Percent Volatiles: NE**SECTION 7 FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Method Used: N/A

Flammable (Explosive) Limits in Air: N/A

Autoignition Temperature: N/A

Suitable Extinguishing Media: N/A

Hazardous Combustion Bi-products: N/A

Recommended Firefighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

**SECTION 8 REACTIVITY DATA**Thermal Stability: Stable  Unstable

Conditions to Avoid: EXTREME TEMPERATURES

Hazardous Decomposition Products: H<sub>2</sub>, Co<sub>2</sub>, COHazardous Polymerization: May Occur \_\_\_\_\_ Will Not Occur 

Incompatibility: Materials to Avoid: BASES, METALS, OXIDIZERS

Corrosive Action on Materials: WILL PIT HARD METALS, CONCRETE, AND GLASS

**SECTION 9 STORAGE AND HANDLING PRECAUTIONS**

Storage: STORE IN COOL DRY PLACE, KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM CHILDREN.

Handling: USE RUBER GLOVES AND SAFTEY GOGLES.

Precautionary Labeling: CONTAINS: HYDROFLOURIC ACID

**SECTION 10 ENVIRONMENTAL INFORMATION****Spill or Leak Procedures:** MOP UP EXCESS AND RECOVER, CONTAMINATED AREA SHOULD BE NEUTRALIZED.

Small Spill/Leak: NEUTRALIZE AND WASH TO DRAIN.

Large Spill/Leak: CONTAIN SPILL AS MUCH AS POSSIBLE, RECOVER AND NEUTRALIZE AREA.

**Spill Reportable Quantity:** NONE

Waste Disposal Method (incl. Clean-up Media): DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE

AND LOCAL REGUALTIONS.

EPA or Appropriate Waste Classification:

RCRA or Appropriate Characteristic Waste:

If so, EPA Hazardous Waste Number:

RCRA or Appropriate Listed Waste:

If so, EPA Hazardous Waste Number:

Non-RCRA Regulated Waste:  X

Procedure For Handling Empty Containers:

Environmental Toxicity Data:

**OTHER REGULATORY CONTROLS:**

Is the Material Classified Under the Clean Water Act (USA) or Appropriate Water Regulations as a:

Toxic Pollutant (Section 307)?  Yes  X No

Hazardous Substance (Section 311)?  Yes  X No

If YES, Reportable Quantity (RQ) \_\_\_\_\_ lbs.(kgs.)

Is the Material Classified Under the Clean Air Act (USA) or Appropriate Air Regulations as a:

Hazardous Air Pollutant (Section 12)?  Yes  X No

Comments: