



Safety Data Sheet

Better Chemistry. Better Business

ULTREX FA 77

Revised: 5/7/25

1 IDENTIFICATION

Product Name: ULTREX FA 77

Product Code :2002088

Recommended use of the chemical and restrictions on use:Alkaline Cleaner

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Signal Word: DANGER

Hazard Category: Skin Corrosion/Irritation Hazard Category 2

Eye Damage/Irritation Hazard Category 2B

Toxic to Reproduction Hazard Category 1B

Hazard Statements: Causes skin irritation.

Causes eye irritation.

May damage fertility or the unborn child.

Prevention: Wash skin thoroughly after handling.

Wear rubber gloves, goggles and chemical protective clothing.

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

Response: If on skin: Wash with plenty of water.

Specific treatment - refer to poison center or doctor for advice.

If skin irritation occurs: Get Medical advice/attention.

Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention .

If exposed or concerned: Get medical advice/attention.

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Sodium Tetraborate Decahydrate		1303-96-4	75-85%
Sodium Tripolyphosphate	-	7758-29-4	5-15%
Sodium Carbonate	-	498-19-8	1-5%

4 FIRST AID

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

After Eye Contact:

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

Most Important Symptoms/Effects**Eye:**

Irritation of eyes and skin.

Skin:

This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation(dermatitis).

Indication of immediate medical attention:

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:

Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

Specific hazards arising from the chemical:

Carbon oxides may be produced.

Special protective equipment and precautions for firefighter

Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment & cleaning up:

Stop spill at source.

Caution: Spilled material may be slippery.

7 HANDLING AND STORAGE

Precautions for safe handling:

Wash hands thoroughly after handling.

Wear rubber gloves, eye protection, and chemical protective clothing.

Eating, drinking and smoking in the work area is prohibited.

Conditions for safe storage, inc any incompatibilities:

Store locked up

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sodium Tetraborate Decahydrate	ACGIH	2 mg/m ³	-
Sodium Tripolyphosphate	Not established		
Sodium Carbonate	Not established		

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Protective Gloves: Wear rubber gloves.
Eye Protection: Wear chemical safety goggles & full face shield

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to off-white granular mixture
Odor: None
Odor Threshold: N/A
PH: 12.0 (5% solution)
Melting Point/Freezing Point: NA
Initial Boiling Point and Boiling Range: NA
Flash Point: NA
Evaporation Rate: N/A
Flammability (solid, gas): N/A
Upper/Lower flammability or explosive limits: non-flammable
Vapor Pressure: NA
Vapor Density: NA
Relative Density: NA
Solubility (ies): 100%
Partition Coefficient; n-octanol/water: NA
Auto-ignition Temperature: N/A
Decomposition Temperature: NA
Viscosity: NA

10 STABILITY AND REACTIVITY

Reactivity: Hazardous Polymerization will not occur.
Chemical Stability: Stable under normal conditions
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Incompatible Materials: Avoid contact with strong oxidizers and strong acids.

11 TOXICOLOGICAL INFORMATION

Oral Administration: Sodium Tetraborate Decahydrate-LD50(Rat)-3305 mg/kg
Oral Administration: Sodium Tripolyphosphate-LD50(Rat)-3900 mg/kg
Oral Administration: Sodium Carbonate-LD50(Rat)-4090 mg/kg
Dermal administration: Sodium Tetraborate Pentahydrate-LD50(Rabbit)->2000 mg/kg

Immediate effects:	Irritation/ burns of skin and eyes.
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion
Reproductive Toxicity	Animal feeding studies with chemically related boric acid/ and or borax in rat, mouse and dog at high doses, have demonstrated effects on fertility and testes. Studies with chemically related boric acid in the rat, mouse and rabbit, at high doses, demonstrate developmental effects on the fetus, including fetal weight loss and minor skeletal variations. The doses administered were many times in excess of those to which humans would normally be exposed.

12 ECOLOGICAL INFORMATION

Persistence and Degradability:	Sodium Tetraborate Pentahydrate is an inorganic substance and does not biodegrade. Under environmental conditions, borates decompose to undissociated boric acid.
Biotic degradability:	No data available
Bioaccumulation potential:	Unlikely
Water result:	Disperses in water.
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations.

14 TRANSPORT INFORMATION

UN Proper Shipping Name: NOT D.O.T REGULATED

15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 1

Sara Hazard Classification	The chemicals in this product are not subject to SARA Title III, Section 313 Reporting Requirements.
Proposition 65	No Proposition 65 listed components in this formula
TSCA Inventory Status	All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements.

16 OTHER INFORMATION

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.