

Safety Data Sheet

Better Chemistry. Better Business

BURN CPD 220 A

Revised: 3/6/15

1 IDENTIFICATION

Product Code : 2103033

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.

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Sodium Tetraborate Pentahydrate		1303-96-4	<65%

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.
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7 HANDLING AND STORAGE

Precautions for safe handling:	Wash hands thoroughly after handling. Wear rubber gloves, goggles and chemical protective clothing. Eating, drinking and smoking in the work area is prohibited.
Conditions for safe storage, inc any incompatibilities:	Keep container tightly closed.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sodium Tetraborate Pentahydrate	ACGIH	2 mg/m3	-

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

Protective Gloves: Rubber gloves
Eye Protection: Wear chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light amber powder
Odor: Soap like odor
Odor Threshold: N/A
PH: 9-10 (4oz/gal)
Melting Point/Freezing Point: N/A
Initial Boiling Point and Boiling Range: N/A
Flash Point: None
Evaporation Rate: N/A
Flammability (solid, gas): Non flammable
Upper/Lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Relative Density: N/A
Solubility (ies): Complete in water
Partition Coefficient; n-octanol/water: N/A
Auto-ignition Temperature: N/A
Decomposition Temperature: N/A
Viscosity: N/A

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 Pentahydrate-LD50(Rat)-3305 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

Animal feeding studies with chemically related boric acid/ and or borax in rat, mouse and dog at