

CLR athroom Kitchen Cleaner

International Chemical Safety Cards (WHO/IPCS/ILO) International Chemical
Safety Cards

SODIUM BORATE, DECAHYDRATE ICSC: 0567

SODIUM BORATE, DECAHYDRATE

Disodium tetraborate decahydrate

Sodium tetraborate decahydrate

Sodium pyroborate decahydrate

Borax

$B_4O_7Na_2 \cdot 10H_2O$

Molecular mass: 381.4

CAS # 1303-96-4

RTECS # VZ2275000

ICSC # 0567

TYPES OF

HAZARD/

EXPOSURE ACUTE HAZARDS/

SYMPTOMS PREVENTION FIRST AID/

FIRE FIGHTING

FIRE Not combustible.

In case of fire in the surroundings: all extinguishing agents
allowed.

EXPLOSION

EXPOSURE

PREVENT DISPERSION OF DUST! AVOID EXPOSURE OF (PREGNANT) WOMEN!

INHALATION

Cough. Shortness of breath. Sore throat. Nose bleeds.

Local exhaust or breathing protection.

Fresh air, rest. Half-upright position. Artificial respiration if
indicated.

SKIN

Dry skin. Redness. Pain.

Protective gloves.

First rinse with plenty of water, then remove contaminated clothes
and rinse again.

EYES

Redness. Pain.

Safety goggles, or eye protection in combination with breathing
protection if powder.

First rinse with plenty of water for several minutes (remove contact
lenses if easily possible), then take to a doctor.

INGESTION

Abdominal pain. Diarrhoea. Headache. Nausea. Vomiting. Weakness.
Convulsions.

Do not eat, drink, or smoke during work.

Rinse mouth. Refer for medical attention.

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SPILLAGE DISPOSAL STORAGE PACKAGING & LABELLING

Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place (extra personal protection: P2 filter respirator for harmful particles).

Separated from acids.

SEE IMPORTANT INFORMATION ON BACK

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PHYSICAL STATE; APPEARANCE:
WHITE CRYSTALS OR CRYSTALLINE POWDER.

PHYSICAL DANGERS:

CHEMICAL DANGERS:
The substance is a weak base.

OCCUPATIONAL EXPOSURE LIMITS (OELs):
TLV: 5 ppm; mg/m³ (ACGIH 1996).

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation and

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by ingestion.

INHALATION RISK:

Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly when dispersed.

EFFECTS OF SHORT-TERM EXPOSURE:

The substance irritates the eyes, the skin and the respiratory tract. The substance may cause effects on the central nervous system, kidneys and liver, when ingested. The effects may be delayed.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:

Repeated or prolonged contact with skin may cause dermatitis. Animal tests show that this substance possibly causes toxic effects upon human reproduction.

PHYSICAL

PROPERTIES

Boiling point: 320°C

Melting point: 75°C

Relative density (water = 1): 1.7

Solubility in water, g/100 ml at 20°C: 5.1

ENVIRONMENTAL

DATA

The substance is harmful to aquatic organisms.

N O T E S

Jaikin, Pyrobor, Three Elephant, V-Bor are trade names.

ADDITIONAL INFORMATION

ICSC: 0567 SODIUM BORATE, DECAHYDRATE

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