

Blue Line Chemicals

Material Safety Date Sheet

Caustic Soda Flakes-99%

Product Identification

- Product name: *Sodium Hydroxide*
- CAS Number: *1310-73-2*
- Molecular Weight: *40.01*
- Chemical Formula: *NaOH*

Ingredients

- Ingredient: *Sodium Hydroxide*
- CAS: *1310-73-2*
- Percent: *99%*
- Hazardous: *Yes*

Hazards Information

- *Inhalation*: can produce burns.
- *Eyes*: may cause burns and tissue destruction. May cause permanent eye damage.
- *Skin*: may cause burns and tissue destruction (some not immediately noticeable).
- *Ingestion*: may cause burns and tissue destruction.

First Aid Measures

• *Eyes*

Rinse eyes with a flow of water for at least 15 minutes holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Washing eyes within several seconds of exposure is essential to achieve maximum effectiveness. Seek medical advise immediately.

• *Skin*

Rinse contaminated areas with water as soon as possible. Remove contaminated clothing and footwear. Wash contaminated areas with plenty of soap and water. Seek medical advise immediately.

• *Inhalation*

Move to fresh air. If not possible try to provide fresh air by ventilation. If breathing is difficult, have a trained person administer oxygen. If respiration or pulse has stopped, administer Basic Life Support and call for emergency services immediately.

• *Ingestion*

If swallowed, do not induce vomiting. Give large quantities of water. (If possible, give several glasses of milk.) If vomiting occurs spontaneously, keep airway clear and give more water or milk. Seek medical advise

immediately.

Storage nad Handling

• Storage

Keep in tightly closed and properly labeled containers. Do not store in aluminum container or use aluminum fittings as flammable hydrogen gas can be produced.

• Handling

Use in the areas with adequate ventilation. Avoid breathing dust and wear personal protective clothing and equipment.

Other Safety measures

- Fire:*** nonflammable
 - Explosion:*** non-explosive
 - Extinguishing:*** do not use water
 - Environmental hazard:*** hazardous to the environment
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