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Casodiran

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Caustic Soda Flakes Manufacturer



The Caustic Soda Flakes Iran manufacturing company started operation flake in the south of country in 1999 with a production capacity of 100,000 tons.





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Our Company



The Caustic Soda Flakes Iran manufacturing company started in the south of country in 1999 with a production capacity of 100,000 tons. This company has been able to present its products in such industries as soap manufacturing, petrochemical industry, water treatment, mining industry, food industry for chemical peeling of fruits and vegetables, cocoa processing, soft drinks industry, etc. and steadily expand its customer base by providing



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consistently high-quality products. Our target market is Central Asia, and with the aid of Rock Chemie Merchandising and Marketing Department, we have been able to market our products in Asia, Europe, and Africa.

It should be mentioned that this manufacturing company has presold all of its production capacity to Rock Chemie as of 2010, and all marketing operations related to this company will be conducted through Rock Chemie.

Chemical Information

98%




Chemical Formula	NaOH
CAS number	1310-73-2
EC number	215-185-5
UN number	1823
Molar Mass	40.0 g/mol
Color	White
Appearance	White Flakes
Melting point	323 °C
Boiling point	1390 °C
Solubility in Water	111 g /100 ml at 20 °C
<i>Synonyms: Sodium hydroxide, lye</i>	

Specifications

Product name	Caustic Soda Flakes 98%	
CAS	1310-73-2	
	Standard	Result
NaOH	98% min	98.15%
Na ₂ CO ₃	0.90% max	0.60%
NaCl	0.15% max	0.06%
Fe ₂ O ₃	0.007% max	0.006%



Usage

- 
- in soap manufacturing
 - in petrochemical industry
 - in water treatment
 - in pharmaceutical industry
 - in mining industry
 - in food industry for chemical peeling of fruits and vegetables
 - in cocoa processing
 - in soft drinks industry, etc.



Packing

Country of Origin	Iran
Packing	25kg bags, 23MT per 20' FCL
Minimum Order:	1 x 20' FCL



MSDS

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: 98%

Hazardous: Yes

Hazards Information

Irritant. May cause burns to the eyes, skin, respiratory and gastrointestinal tract including permanent eye damage

Hazards Identification

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 advice 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 advice 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 advice immediately.

Storage and 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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