

CAUSTIC SODA FLAKES

PHYSICAL – CHEMICAL CHARACTERISTICS

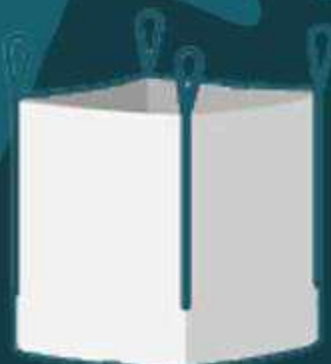
Row	Physical and Chemical Properties	ISIRI Compliant Renge	Test Result	Reference Standard
1	Purity of Sodium Hydroxide (NaOH) _ % W/W	Min 98	Min 98	ISIRI 364
2	Carbonate as Na ₂ CO ₃ _ % W/W	Max 1	Max 0.5	ISIRI 364
3	Chloride as NaCl _ % W/W	Max 0.06	Max 0.02	ISIRI 364
4	Sulfate as Na ₂ SO ₄ _ % W/W	Max 0.01	Max 0.005	ISIRI 364
5	Silicate as SiO ₂ _ % W/W	Max 0.02	Max 0.005	ISIRI 364
6	Iron as Fe _ mg/Kg	Max 30	Max 15	ISIRI 364
7	Insoluble in Water _ % W/W	Max 0.1	0	ISIRI 364
8	Aluminum as Al ₂ O ₃ _ mg/Kg	Max 20	Max 20	ISIRI 364
9	Heavy Metals as Pb _ mg/Kg	Max 20	Max 20	ISIRI 364
10	Mercury as Hg _ mg/Kg	Max 0.2	Max 0.15	ISIRI 364
11	Arsenic as As _ mg/Kg	Max 2	Max 0.5	ISIRI 364
12	Appearance	White Color	Ok	ISIRI 364

STORAGE LIFE

Store caustic soda in a dry and cool environment with proper ventilation.
Always keep caustic soda away from reacting and incompatible with this product.
Always keep the minimum required amount in stock. For sea transportation, be sure to affix the dangerous goods label on the containers.

PACKAGING

25 Kg Multilayered PP Bags
(Palletized)
One Ton Jumbo Bags
(Water Proof)



Adab Buisness Center Semnan Industrial Zone Iran
Tel: +98 2333653692 WA : +98 9124311007
Website: www.chemkraft.ir Email : info@chemkraft.ir



DST 850 CI 28

ADVENTECH® DST850-CI DOES NOT CONTAIN ARSENIC, CHLORINATED HYDROCARBONS, OR LEAD COMPOUNDS.

ADVENTECH® DST 850-CI IS STABLE FOR LONG PERIODS OF TIME. IT IS EFFECTIVE FROM ROOM TEMPERATURE TO VERY HIGH TEMPERATURES. WHEN THE TEMPERATURE IS HIGH USE HIGHER CONCENTRATION.

WHEN IT IS USED AT ROOM TEMPERATURE, USE AT 0.5 TO 1%

FOR AN ACID BATH OF 15% HCL,

FROM 65°C TO 80°C - 0.2- 0.5 %

80°C TO 100°C - 0.8- 1%

100°C TO 125°C - 2 - 3 %

ADVENTECH® DST 850-CI IS ADDED EACH TIME THE ACID IS ADDED.

SAFETY PRECAUTIONS:

1-PROVIDE ADEQUATE VENTILATION IIN THE WORKPLACE,

2-WEAR PROTECTIVE CLOTHING SUCH AS RUBBER APRON, GLOVES, BOOTS AND FACE-SHIELD WHEN PREPARING THE BATH, ADDING CHEMICALS /WATER, AND RUNNING THE BATH.

3-WASH WITH LARGE VOLUMES OF WATER IF BODILY CONTACT IIS MADE WITH THE SOLUTION, A SAFETY SHOWER AND EYEWASH SHOULD BE LOCATED IIN THE IMMEDIATE VICINITY OF THE PROCESS LIINE.

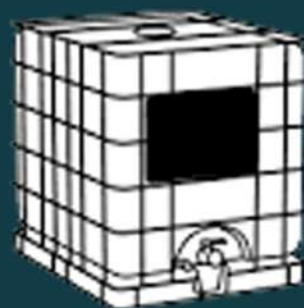
4-DO NOT EAT, DRINK OR SMOKE WHEN HANDLING CHEMICALS; WASH WELL BEFORE DOING SO.

5-LAUUNDER ALL CONTAMINATED CLOTHING.

PACKAGING

In 20 lt drums

In 1000 lt IBC containers



Adab Buisness Center Semnan Industrial Zone Iran

Tel: +98 2333653692 WA : +98 9124311007

Website: www.chemkraft.ir Email : info@chemkraft.ir



LIQUID CAUSTIC SODA

PHYSICAL – CHEMICAL CHARACTERISTICS

Row	Physical and Chemical Properties	ISIRI Compliant Range	Test Result	Reference Standard
1	MPurity of Sodium Hydroxide (NaOH) _ % W/W	Min 48	Min 48	ISIR 364
2	Carbonate as Na ₂ CO ₃ _ % W/W	Max 0.5	Max 0.3	ISIR 364
3	Chloride as NaCl % W/W	Max 0.03	Max 0.015	ISIR 364
4	Sulfate as Na ₂ SO ₄ % W/W	Max 0.007	Max 0.004	ISIR 364
5	Silicate as SiO ₂ % W/W	Max 0.01	Max 0.005	ISIR 364
6	Iron as Fe mg/Kg	Max 10	Max 7	ISIR 364
7	Insoluble in Water % W/W	Max 0.05	0	ISIR 364
8	Aluminum as Al ₂ O ₃ mg/Kg	Max 10	Max 10	ISIR 364
9	Heavy Metals as Pb mg/Kg	Max 10	Max 10	ISIR 364
10	Mercury as Hg mg/Kg	Max 0.1	Max 0.1	ISIR 364
11	Arsenic as As ₂ O ₃ mg/Kg	Max 1	Max 1	ISIR 364
12	Appearance	Colorless, Clear, Free Of Sediment and Suspended Particles	OK	ISIR 364

STORAGE LIFE

Store caustic soda in a dry and cool environment with proper ventilation.
Always keep caustic soda away from reacting and incompatible with this product.
Always keep the minimum required amount in stock. For sea transportation, be sure to affix the dangerous goods label on the containers.

PACKAGING

Special Tanker
In 1000 lt IBC containers



Adab Buisness Center Semnan Industrial Zone Iran
Tel: +98 2333653692 WA : +98 9124311007
Website: www.chemkraft.ir Email : info@chemkraft.ir





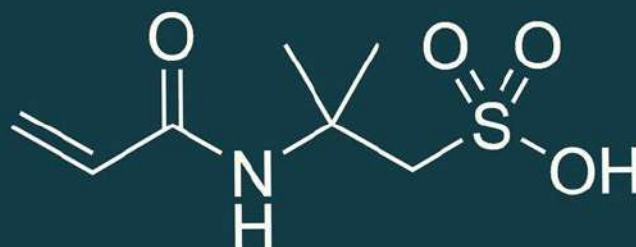
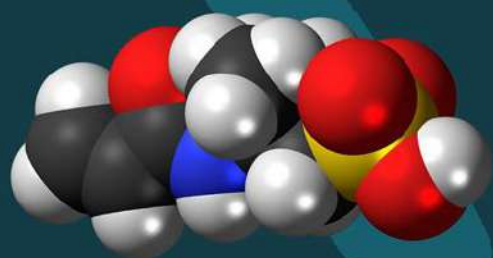
GENERAL CHEMICAL PRODUCTS



AA/AMPS COPOLYMER

PHYSICAL – CHEMICAL CHARACTERISTICS

The tri-polymer is an anti-scale dispersant containing sulfonate and polyelectrolyte. It has strong acid, weak acid and non ion group in its polyelectrolyte chain, and can be used in situations of high temperature, high pH, high hardness and high alkali. This product has high calcium tolerance, it has good inhibition effect on calcium carbonate, calcium phosphate, zinc scale and ferric oxide. It can use together with other water treatment agents such as polyphosphate, zinc salt, organophosphate. When mixing with zinc salt, the zinc stability is improved, the corrosion inhibition effect to carbon steel is



SPECIFICATION

Item	INDEX
Appearance	LIGHT YELLOW LIQUID
SOLID CONTENT %	43.0-44.0
DENSITY [%20] g/cm ³	1.15-1.20
PH (1% WATER SOLUTION)	3.0-4.5

USAGE :

This product is used in cooling water system; the amount is depended on water quality. The ordinary amount is 10-30mg/l. When used as dispersant, the amount is determined by experiment.



AA/AMPS COPOLYMER

PACKAGING

**In 20 lt drums
In 1000 lt IBC containers
customers' requirement**



STORAGE LIFE

Storage for ten months in shady room and dry place.

SAFETY AND PROTECTION

Weak acidic, avoid contact with eye and skin, once contacted, flush with water.

Adab Business Center Semnan Industrial Zone Iran
Tel: +98 2333653692 WA : +98 9124311007
Website: www.chemkraft.ir Email : info@chemkraft.ir

