



# Pearls or Flakes ?

CAUSTIC SODA / SODIUM HYDROXID / NaOH / CAS: 1310-73-2 / EINECS: 215-185-5



## The advantages of CAUSTIC SODA PEARLS JSC KAUSTIK Volgograd production

1.

Minimum permissible NaOH mass fraction **99,5%**  
Actual NaOH mass fraction **99,8%**

You win extra **15 ÷ 18** kg of net product from every 1 Mton compared to 98% caustic soda flakes.

2.

JSC Kaustik meets the requirements of **ISO 22000:2005**.  
The product meets the requirements of **FAO/WHO\***

The product application in food industry,  
including application as food additive **E 524**.

3.

- ❖ Dissolution period in distilled water, 21°C, for 30 NaOH : 70 H<sub>2</sub>O ratio is maximum **45 sec**.
- ❖ Light transmission coefficient of 30:70 solution is **97%**, insoluble compounds mass fraction is max **0,001%**.
- ❖ Caustic soda pearls exclude the possibility of dust formation in "dry" technological processes.
- ❖ Caustic soda pearls don't consolidate during storage – longer **guaranteed storage period – 1 year**.
- ❖ Caustic soda pearls have wider application in "dry" technological processes due to constant granulometry **1,8-2,3 mm**.
- ❖ Also Caustic soda pearls are wide represented in **B2C** segment as household cleaning product for drains and pipes cleaning\*\*



4.

There used modern packaging line at JSC Kaustik. The product is packed into air-tight polyethylene bags according to **FFS technology**, which belong to **5H4** air-tightness class with capacity of 25 kg, palletized and fixed on pallets up to 1,000 kg, covered with stretch film according to Stretch Hood technology. It allows to store and to transport the product safe, including water transport.



Caustic soda pearls JSC Kaustik production has **REACH № 1907/2006** registration **№ 01-2119457892-27-0023** due to European Chemicals Agency (ECHA) database.



\* Food additive E524 JSC Kaustik production meets the requirements of joint expert committee of Food & Agriculture Organization and World Health Organization.

\*\* JSC Kaustik has automatic highspeed line for packaging of liquid, pasty and dry products into plastic containers, incl. PET packing, and own containers production. On the customer's request the plant could organize production of unique plastic packing with customer's logo and end product packaging.