

MATERIAL SAFETY DATA SHEET (M.S.D.S)

THE DATA GIVEN HERE IS BASED ON CURRENT KNOWLEDGE AND EXPERIENCE. THE PURPOSE OF THIS MATERIAL SAFETY DATA SHEET IS TO DESCRIBE THE PRODUCTS IN TERMS OF THEIR SAFETY REQUIREMENTS. THE DATA DOES NOT SIGNIFY ANY WARRANTY WITH REGARD TO THE PRODUCT PROPERTIES.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
CAUSTIC SODA PEARLS 99.0%

TIANJIN CREDIT INTERNATIONAL CO., LTD

The Tradespeople Investment Mansion, Yingbin Avenue, Binhai New Area XiangLuoWan, Tianjin, China.

2. COMPOSITION/INFORMATION ON INGREDIENTS; - RISK PHRASE

CAS NO: 1310-73-2

3. HAZARDS IDENTIFICATION:

EYES: CONTACT MAY CAUSE TRANSIENT EYE IRRITATION

SKIN: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION

4. FIRST-AID MEASURES:

EYES: CONTAMINATION OF THE EYES MUST BE TREATED BY THOROUGH IRRIGATION WITH WATER, WITH THE EYELIDS HELD OPEN. EVENTUALLY A DOCTOR (OR EYE SPECIALIST) SHOULD BE CONSULTED.

SKIN: WASH SKIN WITH PLENTY OF WATER.

INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

5. FIRE-FIGHTING MEASURES

GENERAL INFORMATION: DOES NOT BURN READILY. AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND. MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR.

EXTINGUISHING MEDIA: NO RESTRICTION.

AUTOIGNITION TEMPERATURE: NOT AVAILABLE.

FLASH POINT: NOT AVAILABLE.

EXPLOSION LIMITS: NOT AVAILABLE.

6. ACCIDENTAL RELEASE MEASURES

GENERAL INFORMATION: USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN EXPOSURE CONTROL/ PERSONAL PROTECTION CLAUSE.

SPILLS/LEAKS: TAKE UP MECHANICALLY, AVOID DUST FORMATION. RINSE AWAY RESIDUE WITH PLENTY OF WATER.

7. HANDING AND STORAGE

STORAGE: NON-TOXIC. PERMITTED FOOD ADDITIVE. KEEP CONTAINER DRY IN A COOL AND WELL-VENTILATED PLACE. NO SPECIAL MEASURES REQUIRED.

8. PERSONAL PROTECTION

EYES PROTECTION: WEAR APPROPRIATE PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES AS DESCRIBED BY OSHA'S EYE AND FACE PROTECTION

SKIN PROTECTION: WEAR APPROPRIATE PROTECTIVE RUBBER GLOVES TO PREVENT SKIN EXPOSURE. AVOID PROLONGED SKIN CONTACT. WEAR APPROPRIATE

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PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

RESPIRATORY PROTECTION: IF PRODUCT FORMS DUST, WEAR DUCT-PROTECTION MASK, AVOID INHALING DUST. FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN 29CFR 1910. 134 OR EUROPEAN STANDARD EN 149. ALWAYS USE A NIOSH OR EUROPEAN STANDARD EN 149 APPROVED RESPIRATOR WHEN NECESSARY.

9. PHYSICAL AND CHEMICAL PROPERTIES

Name of Commodity: CAUSTIC SODA PEARLS		Specification:99%
Mode of Sample: Random	Manufacturer:Tianjin Credit International co Ltd	
Standard: GB 209-2006	Inspection Pattern: Lot	
Test Item: NaOH, Carbonic Acid, Sodium Chloride, Oxidize the Iron		
Item/指标 (of method of Ion Exchange Membrane)		
NaOH		≥99.0
SODIUM CARBONATE		≤ 0.8
Sodium Chloride		≤ 0.05
Oxidize the Iron		≤0.008
Conclusion: Accords with standard of GB 209-2006.		
Remarks:		

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.
 CONDITION TO AVOID: MAY DELIQUESCE IN THE WET AIR AND MAY LUMP UNDER A CERTAIN PRESSURE OR IN THE HIGH TEMPERATURE CONDITION. AFTER A LONG-TIME EXPOSURE IN THE OPENING ENVIRONMENT, THE MATERIAL MAY DECOMPOUNF AND BE YELLOWY.

HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCTS NOT DETERMINED

11. TOXICOLOGICAL INFORMATION

WITH MANY YEARS OF EXPERIENCE IN THE PRODUCTION AND USE OF THE PRODUCT NO EFFESTS DETRIMENTAL TO HEALTH ARE KNOWN.

12. ECOLOGICAL INFORMATION

ENGINEERING CONTROLS: USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS LOW.

13. DISPOSAL CONSIDERATIONS

14. DECLARATION FOR LAND SHIPMENT: --YES

DECLARATION FOR SEA SHIPMENT: --YES

DECLARATION FOR SHIPMENT BY TRAIN: --YES

CAUSTIC SODA PEARLS 99% FORMULA: NAOH

PACKING GROUP: II

UN NO 1823,

HAZARD CLASS OR DIVISION: CLASS 8

MARINE POLLUTANT: N

EMS NO: F-A,S-B

CORROSIVES ITEM NO: 82001

15. REGULATORY INFORMATION

NONE

16. OTHER INFORMATION

NONE