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 FLAKES 99%

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 PREVEN SKIN EXPOSURE. AVOID PROLONGED SKIN CONTACT. WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

RESPIRATORY PROTECTION: IF PRODUCT FORMS DUST, WEAR DUCT-PROTECTION MASK, AVOID INHALING DUST. FOLLOW THE OSHA RESPIRATOR REGULATIONS

9. PHYSICAL AND CHEMICAL PROPERTIES

NAME OF COMMODITY: CAUSTIC SODA FLAKES)	SPECIFICATION(NAOH):98.0%
SAMPLING MODE:RANDOM	
STANDARD: GB/T 209-2018 INSPECTION PATTER	RN: LOT
TEST ITEM:NAOH, CARBONIC ACID,SODIUM CHLORIDE,OXIDIZE THE IRON	
ITEM: (OF METHOD OF ION EXCHANGE MEMBRAN	NE) TEST RESULT (%)
NAOH	98.2
CARBONIC ACID	0.29
SODIUM CHLORIDE	0.02
OXIDIZE THE IRON	0.001
CONCLUSION: ACCORDS WITH STANDARD OF GB/T 209-2018	
NOTES:	
SAMPLER :ZHANG XIAOMIN CODE:20200103	
INSPECTOR:ZHANG XIAOMIN CHECK:HAO ZHI	1
EXAMINE:HUANG WENLI	人 服 公 副 。
REMARKS:	1.16.

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: --

DECLARATION FOR SEA SHIPMENT: --

DECLARATION FOR SHIPMENT BY TRAIN: --

15. REGULATORY INFORMATION

16. OTHER INFORMATION

NONE