



# MSDS

## MATERIAL SAFETY DATA SHEET

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# Material Safety Data Sheet

## Section 1-Chemical Product and Company Identification

**Product:** Residual chlorine reagents

**Common name:** Residual chlorine reagents

**Model(s):** B61; B61A; B61B; B61-1; B61-1A; B61-1B; B61-2; B61-2A; B61-2B

**Trade mark :** N/A

**Manufacture:** Guangzhou Jubway Water Treatment Co., Ltd.

**Address:** Fl. 4 building 2, No. 21, Hecun West Road, Dashi Town, Panyu District, Guangzhou 511400

**P.R. China**

**Post Code:** 511400

**Fax No:** N/A

**Emergency Telephone:** 020-39022243

## Section 2- Composition/Information on Ingredient

Chemical Name	Molecular formula	CAS No.	In % By Weight
Chloramines	NH <sub>2</sub> Cl	1333-86-4	47
Chlorine	Cl	76-61-9	0.3
Chlorate	NHCl <sub>3</sub>	76-59-5	0.04
ethanol	C <sub>2</sub> H <sub>6</sub> O	64-17-5	40
Deionized Water	H <sub>2</sub> O	7732-18-5	5~10
Others	/	/	1~4

## Section 3- Hazards Identification

**Fatalness:** In accordance with the provisions of the United Nations GHS (sixth revision), the risk category of the product and the risk category of the label elements are non hazardous substances or mixtures.



# Material Safety Data Sheet

## Section 4- First Aid Measures

**Skin touch:** If there is any unwell reaction, remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

**Eyes touch:** Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

**Inhalation:** Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

**Ingestion:** Rinse mouth out with water.

## Section 5- Fire Fighting Measures

**Danger characteristic:** Case of fire can burn. Can react with oxidants.

**Extinguishing Media:** Use water, foam, carbon dioxide and dry chemical powder as appropriate for materials in surrounding fire.

**Fire-Fighting:** The staff must wear the clothes which can deference the fire and toxic gas. Put out the fire in the upwind direction. Avoid using direct streams of water or foam on molten burning material as it may scatter and spread the fire.

**Recommended:** N/A

**Special measures:** N/A

**Extinguishing procedures:** N/A

## Section 6- Accidental Release Measures

**Personal precautions:** Avoid inhalation & direct contact with eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case.

**Environment precautions:** Keep ventilation to the area.

**Cleaning up methods:** Do not sweep dry, wet sweeping may be used to avoid dust dispersal.



# Material Safety Data Sheet

## Section 7- Handling and Storage

**Precautions in handling:** Provide good natural ventilated condition.

**Storage conditions:**

1. Provide good natural ventilated condition.
2. Check storage site on a regular basis, to avoid leakage.
3. In appropriate place to post warning signs.
4. Packaging with film, Keep out of the reach of children.

## Section 8- Exposure Controls, Personal Protection

**Respiratory protection:** Apply local ventilation where possible. Wear a self-contained breathing apparatus if necessary.

**Hand protection:** Use chemically resistant gloves if required.

**Eye protection:** None under normal use. Wear chemical safety goggles if required.

**Skin protection:** Use rubber apron and protective working if required.

**Other protective equipment:** Wash hands after use and before drinking, eating or smoking. Wash hands thoroughly after cleaning-up components.

## Section 9- Physical and Chemical Properties

**Physical State:** Liquid

**Color:** Transparent

**Odor:** N/A

**Density:** N/A

**evaporation point:** N/A



# Material Safety Data Sheet

## Section 10- Stability and Reactivity

**Stability:** Normal conditions and stability.

**Avoid material:** Strong oxidizers.

**Avoid contact with conditions:** N/A

**Aggregate hazard:** N/A

**Decomposition products:** N/A

## Section 11- Toxicological information

This product have mild toxicity. Ingestion may cause mouth, throat and intestinal buns irritation and damage.

Get medical aid.

## Section 12- Ecological Information

**Biodegradability:** Data not available

**Precautions:** Not available

## Section 13- Disposal Considerations

**Waste disposal methods:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

**Note:** Consult your local or region authorities, disposal subject to national, state, or local laws.

## Section 14 – Transport Information

**Dangerous goods code:** N/A

**UN code:** N/A

**Package mark:** N/A

**Packaging categories:** N/A

**Packaging Methods:** N/A



# Material Safety Data Sheet

**Attentions for Transportation:** THE CONSIGNMENT IS NOT CLASSIFIED AS DANGEROUS UNDER THE 59TH EDITION OF THE IATA DANGEROUS GOODS REGULATIONS AND ALL APPLICABLE CARRIER AND GOVERNMENTAL REGULATIONS.

Under current regulations, international road transport of dangerous goods (ADR), international railway dangerous goods transport (RID), international maritime dangerous goods code (IMDG), international air transport association (IATA) regulations, the product is not dangerous.

## Section 15- Regulatory information

**Regulatory Information:** N/A

**Note:** 《Rules of the labor safety facilities》, 《general rules of hazard substances and hazardous substances》, 《the toxic chemical substance administration law》, 《the road traffic safety rules》, 《the workers work environment in the air of pests to allow liquid degree of standard》, 《the cause of waste the deposit removal treatment methods and facilities standards》, 《Hazardous chemicals transport custody system》

## Section 16- Other Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.



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