

文通钾盐集团有限公司
WENTONG POTASSIUM SALT GROUP CO.,LTD
MATERIAL SAFETY DATA SHEET (MSDS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer.....:

WENTONG POTASSIUM SALT GROUP CO., LTD.

22F,Wentong Building, No.739, Kunming Road, Yangpu, Shanghai, China

ZIP: 200082

Product Name:

Potassium Bicarbonate

Synonyms:

Potassium Hydrogen Carbonate

Chemical Family:

Inorganic Salt

Formula:

KHCO₃

Molecular Weight.:

100.12

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	Appr %
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Potassium Bicarbonate	298-14-6	100%
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3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Handling care generally in keeping with safe laboratory practices is recommended.

Appearance:

White granules or powder; odorless

POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC)

Symptoms of Exposure:

No harmful effects indicated from available information. Handling care generally in keeping with safe laboratory practices is recommended.

Medical Cond. Aggravated by Exposure:

Data not available.

Routes of Entry:

Ingestion

Carcinogenicity:

The material is not listed (IARC, NTP, OSHA) as cancer causing agent.

4. FIRST AID MEASURES

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Emergency First Aid:

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.

Skin: Wash thoroughly with soap and water.

Eyes: Immediately flush thoroughly with water for at least 15 minutes.

Inhalation: Remove to fresh air; give artificial respiration if breathing has stopped.

Ingestion: Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point (F): Noncombustible

Flammable Limits LEL (%): N/A

Flammable Limits UEL (%): N/A

Extinguishing Media:

Use any suitable for adjacent material.

Fire Fighting Procedures:

Wear self-contained breathing apparatus.

Fire & Explosion Hazards:

None

6. ACCIDENTAL RELEASE MEASURES

Spill Response:

Evacuate the area of all unnecessary personnel. Wear suitable protective equipment listed under Exposure / Personal

Protection. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the

release and eliminate its source, if this can be done without risk. Take up and containerize for proper disposal as described

under Disposal. Comply with Federal, State, and local regulations on reporting releases. Refer to Regulatory Information for reportable quantity and other regulatory data.

7. HANDLING AND STORAGE

Handling & Storage:

Keep container closed. Store at controlled room temperature. Do not breathe dust. Do not get in eyes. Avoid prolonged, or repeated, skin contact.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT:

Ventilation, Respiratory Protection, Protective Clothing, Eye Protection:

Material should be handled or transferred in an approved fume hood or with adequate ventilation.

Protective gloves should be

worn to prevent skin contact (Neoprene or equivalent) Safety glasses with side shields should be

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worn at all times.

Work/Hygenic Practices:

Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

EXPOSURE GUIDELINES

OSHA - PEL:

Component	TWA		STEL		CL		Skin
	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	

Potassium Bicarbonate

ACGIH - TLV:

Component	TWA		STEL		CL		Skin
	PPM	MG/M3	PPM	MG/M3	PPM	MG/M3	

Potassium Bicarbonate

If there are no exposure limit numbers listed in the Exposure Guidelines chart, this indicates that no OSHA or ACGIH exposure limits have been established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C 760 mmHg) : N/A

Melting Point (C) : 100C Decomposes

Specific Gravity (H 20 = 1) : 2.17

Vapor Pressure (mm Hg) : N/A

Percent Volatile by vol (%) : N/A

Vapor Density (Air = 1) : N/A

Evaporation Rate (BuAc = 1) : N/A

Solubility in Water (%) : 26%

Appearance :

White granules or powder; odorless

10. STABILITY AND REACTIVITY

Stability: Yes

Hazardous Polymerization:

Does not occur

Hazardous Decomposition:

CO_x, K₂O

Conditions to Avoid:

None indicated

Materials To Avoid:

() Water

() Acids

() Bases

() Corrosives

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() Oxidizers

(X) Other: NH₄ H₂ PO₄

11. TOXICOLOGICAL INFORMATION

Toxicity Data

None established.

Toxicological Findings:

None

Cited in Registry of Toxic Effects of Chemical Substances (RTECS)

12. DISPOSAL CONSIDERATIONS

EPA Waste Numbers:

Treatment:

Material does not have an EPA Waste number and is not a listed waste, however consultation with a permitted waste

disposal site (TSD) should be accomplished.

ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE WITH ALL

CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

13. TRANSPORT INFORMATION

DOT Proper Shipping Name:

non-regulated

DOT ID Number :

None

14. REGULATORY INFORMATION

TSCA Statement:

The CAS number of this product is listed on the TSCA Inventory.

	SARA	SARA	CERCLA
Component	EHS (302)	EHS (lbs)	TPQ RQ (lbs)

Potassium Bicarbonate

	OSHA	SARA	DeMinimis
Component	Floor List	313	for SARA 313 (%)

Potassium Bicarbonate

If there is no information listed on the regulatory information chart, this indicates that the chemical is not covered by the specific regulation listed.

15. OTHER INFORMATION

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Comments:

None

NFPA Hazard Ratings:

Health : 0

Flammability : 0

Reactivity : 0

Special Hazards :

Revision History: 1/17/87 6/17/88 3/1/91

| = Revised Section

N/A = Not Available

N/E = None Established

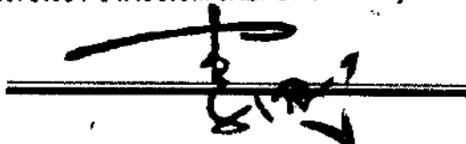
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A handwritten signature in black ink, appearing to be '李' (Li), is written over two horizontal lines.