

SAFETY DATA SHEET

1. Product and company identification

Product Name Powdered Chlorine Bleach
UN/ID No. DOT (U.S.): Not Regulated

Recommended use of the chemical and restrictions on use

Recommended use: Industrial Powdered Chlorine for use in Laundry Equipment

Supplier: **Accurate Chemical & Services**
731 W. Fairmont Dr.
Tempe, AZ. 85282
Office 602.996.9194

Print date: September 27, 2017

In case of emergency: (602) 996-9191

Poison control center (800) 222-1222

Product type: Mixture

2. Hazards identification

Appearance: White Powder	Physical State: Solid	Odor: Chlorine Odor
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Classification

Skin corrosion/irritation	Category 2 Sub-category A
Serious eye damage/eye irritation	Category 1

Signal Word: Warning



Hazard Statement

Inhalation: Dust may cause irritation to respiratory tract. Symptoms may include Coughing and labored breathing.
Excessive contact is known to cause damage to nasal septum.
Harmful if swallowed.
Causes serious eye irritation

Precautionary Statements – Preventions

Do not get in Eyes, on Skin or on Clothing. Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only with adequate ventilation, use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection
Keep container closed.

Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
Continue rinsing immediately call a POISON CONTROL or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician, Rinse mouth, **Do not induce vomiting!**

Precautionary Statements – Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements –Disposal

Disposed of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

4. First aid measures

Eye contact:	Get medical aid immediately. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, keeping eyelids apart. Use cool running water. Do not use an eye ointment.
Skin contact:	Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes.
Inhalation:	Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask
Ingestion:	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 capfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Protection of first-aiders; Note to physician	Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance. Treat symptomatically and supportively.

5. Fire-fighting measures

Flash point:	Not applicable
Flammability of the product:	This product is not flammable
<u>Extinguishing media:</u>	
Suitable:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Non suitable:	Water may be ineffective
Special exposure hazards:	Oxidizing Oxygen released in thermal decomposition may support combustion Contact with combustible material may cause fire Contact with flammables may cause fire or explosions Risk of explosion if heated under confinement
Decomposition products:	Oxygen
Special protective equipment for fire-fighters:	In the event of fire, wear self-contained breathing apparatus. Fire fighters must wear fire resistant personnel protective equipment
Other information	Keep product and empty containers away from heat and sources of ignition

6. Accidental release measures

Personal precautions:	Keep away from incompatible products
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Environmental precautions:	Keep away from water Avoid release to the environment. Collect spillage. See section 12 for additional Ecological information. Dispose of contents/ container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water for sanitary sewer systems.
<u>Methods for cleaning up</u>	Keep unnecessary people away, isolate hazard area and deny entry. DO NOT add water to spilled material. DO NOT use floor sweeping compounds to clean up spills. Sweep and scoop spilled material into clean, dedicated equipment. Every attempt should be made to avoid mixing spilled material with other chemicals or debris when cleaning up. DO NOT attempt to reseal contaminated drums. DO NOT transport wet or damp material. Damp material should be neutralized to a non-oxidizing state. Keep out of water supplies and sewers. Releases should be reported. If required to appropriate agencies.

7. Handling and storage

Handling:	Clean and dry circuits and equipment before any operations Never return unused material to storage receptacle Containers and equipment used to handle the product should be used exclusively for that product Keep away from heat and sources of ignition Keep away from water Protect from moisture Keep away from incompatible products Avoid dust formation Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.
Storage	Keep in a dry place Keep in a cool, well-ventilated place Keep away from direct sunlight Keep away from heat Keep away from incompatible products. The container must be exclusively for the product. Keep in container fitted with safety valve or vent Keep away from heat/sparks/open flames/hot surfaces

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls	Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.
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Individual-protection measures, such as personal protective equipment

Eye/Face Protection	Tightly fitting chemical safety goggles must be worn
Skin and Body Protection	Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Approved/certified dust respirator or equivalent.
General Hygiene considerations	Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. Physical and chemical properties

Physical state	Solid
Flash Point	Not Applicable
Color	White
pH	Approx. 11.2 in 1% Solution

Boiling/condensation point	Not Applicable
Solubility in water	Complete

10. Stability reactivity

Stability	Potential for exothermic hazard Stable under recommended storage conditions
Hazardous polymerization	
Conditions to avoid	Exposure to moisture To avoid thermal decomposition, do not overheat. Keep at temperature not exceeding: 55°C (131 °F)
Materials to avoid	Water, acids, bases, heavy metal salts, reducing agents, organic materials, flammable materials
Hazardous decomposition products	Oxygen

11. Toxicological information

Chronic toxicity: No data available

Harmful if swallowed

Risk of serious damage to eyes

Irritating to respiratory system and skin

12. Ecological information

Environmental effects:

Acute Toxicity

- Fishes, Pimephales promelas, LC50, 71 mg/l
- Fishes, Pimephales promelas, NOEC, 96 h, 7.4 mg/l
- Crustaceans, Daphnia pulex, EC50, 4.9 mg/l
- Crustaceans, Daphnia pulex, NOEC, 48 h, 2 mg/l

Remarks:

- Hazard for the environment is limited due to product properties:
- weak persistence of degradation products
- Does not bioaccumulate

13. Disposal considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

DOT (U.S.): Not regulated
US DOT

Non-Bulk Packaging: Not Regulated under DOT unless transported by Vessel
Bulk Packaging for Shipment by Vessel: Regulated.

15. Regulatory information

OSHA Regulatory Status:

-This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

State Regulations

California Proposition 65: This product is not regulated

16. Other information

HMIS

Health Hazards

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Flammability

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Reactivity

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Personal Protection

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Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet