

MATERIAL SAFETY DATA SHEET

MS-CLVIV BLE 01
Issue date: 05/01/08
Revision date:
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1. PRODUCT AND COMPANY IDENTIFICATION

Commercial product name:

VIVITONE BLUE POWDER BLEACH

Manufacturer/Supplier:

VIVITONE Inc.
239 North Unruh Avenue.
City of Industry, CA. 91744

Information number:

(626) 961 – 9101 (Mon – Fri)
(8:00 a.m. – 4:30 p.m.)

Emergency:

CHEMTREC
(800) 424 - 9300

2. COMPOSITION / HAZARDOUS INGREDIENTS

Component	CAS No.
Potassium persulfate	7727 21 1
Ammonium persulfate	7727 54 0
Sodium persulfate	7775 27 1
Sodium metasilicate	6834 92 0

3. HAZARDS IDENTIFICATION

Route(s) of Entry: Ingestion Inhalation Skin

Signs and Symptoms of Exposure

- Harmful if swallowed
- May cause sensitization / irritation by skin contact
- May produce an allergic reaction
- Irritating to eyes

4. FIRST AID MEASURES

Skin

Wash off with soap and water (either cold or lukewarm). Change into clean clothing if spilled on clothes. If skin irritation persists, call a physician.

Eyes

Remove contact lenses if used. Flush eye(s) immediately with water for at least 15 minutes. Do not rub eye(s), get medical attention IMMEDIATELY.

Inhalation

For any signs of breathing difficulty or shortness of breath, move to fresh air. If symptoms persist, seek medical attention IMMEDIATELY.

Ingestion

Do not induce vomiting. Rinse mouth with water, and drink afterward with plenty of water. Rush to emergency room IMMEDIATELY with this safety data sheet.

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5. FIRE FIGHTING MEASURES

Extinguishing Media

Spray water stream, foam, ABC all purpose extinguisher and CO₂ extinguisher. Type of extinguisher should be in conformance with local fire regulations.

Risk of exposure

Attributable to generation of ammonia and aromatic compounds.

Firefighting equipment

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with skin, eyes and clothing. Do not breathe in vapors.

Environmental precautions

Eliminate source of ignition. Local exhausting is needed to avoid production of irritating dust. Do not flush into surface or sanitary sewer system, and avoid subsoil penetration.

Cleaning Procedure

Maintain good manufacturer hygiene. All disposals should be in accordance with all applicable Local, State, and Federal regulations.

7. HANDLING AND STORAGE

Handling

Protect hands and eyes when handling the product. DO NOT use the product when children are present. Avoid the formation of irritating dust. Provide adequate ventilation/aspiration in working areas. Avoid the formation of electro-static charges.

Storage

KEEP OUT of reach of children. Store a cool place, below 30°C. Avoid contamination and avoid the presence of reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may burst. Avoid humid organic material as paper towel, wood, clothes, etc. which could induce spontaneous combustion. Protect from heat and sunlight.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection

Under normal conditions of use, none required. Yet, direct inhalation vapors should be avoided. Wear mask if prolonged exposures.

Protective and Hygiene measures

Wear protective gloves to avoid skin irritation. Exhaust ventilation is needed where the products are stored and/or handled. It is recommended that personnel wear safety

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glasses. Always follow good hygienic work practices. DO NOT drink, eat or smoke when using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: powder	Solubility in Water: Partially miscible
Color: Blue	Specific Gravity: 0.70 – 0.88 g/ml
Odor: Characteristic	pH: 10.30 –11.3
Melting Point: not known	Boiling Point: not known
Decomposition Temperature: >65°C	

10. STABILITY AND REACTIVITY

Stable in secured condition, up to 65°C; however, above >65°C the product will start slowly decomposition. Avoid heat, moisture, and reducing agents such as waving lotion. Minimize impacting. Do not subject to friction, it may build static electrical charge. Avoid substances such as acids, alkali, halides, metals, and combustible materials. Do not use metallic bowls or stirrer.

11. TOXICOLOGICAL INFORMATION

- Harmful if swallowed.
- Eye irritation
- May induce skin sensitization and respirator hypersensitivity.
- Bronchitis may aggravate by irritant gases of particulars
- Skin irritation

12. ECOLOGICAL INFORMATION

Persulfate salts contain toxic to aquatic organisms if spilled in large quantities. Persulfate salts are rapid elimination in sewage treatment plants.

13. DISPOSAL CONSIDERATIONS

It must be empty before disposal. Dispose as hazardous wastes in compliance with Local, State and Federal regulations.

14. TRANSPORT INFORMATION

US DOT 49 CFR 172.101: Proper Shipping Name. DOT class is not regulated.
Land transport (ADR / RID): None
Maritime (IMO): None
Air (IATA): None
Not classified as dangerous in the meaning of transport regulations.

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15. REGULATORY INFORMATION

Symbol	X	Irritant
R-Phases	R36/37/38	Irritating to eyes, respiratory system and skin.
S-Phases	S22	Do not breathe in dust
	S46	Harmful if swallowed.

16. OTHER INFORMATION

This information contained herein is, to the best of our knowledge and belief, accurate and reliable as the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. This information is offered solely for the user's consideration and examination in terms of safety requirements.