



SAFETY DATA SHEET

STANDARD SOLUTION

For CEM PART NUMBER: 302600

1. IDENTIFICATION OF PRODUCT AND THE COMPANY

Product Name: **STANDARD SOLUTION**

Chemical Name: **NaCl + H₂O**

Company information: **CEM**

**3100 SMITH FARM RD.
MATTHEWS, NC 28104, USA**

PH: 704.821.7015

FX: 704.821.7894

24 HR PH: 704.564.4503

2. HAZARDS IDENTIFICATION

Health effects: **THIS PRODUCT IS NOT HAZARDOUS**

Environment effects: NONE

Physical & Chemical Hazards: NONE

Special Hazards: NONE

Main Symptoms: NONE

Hazard classification: NOT CLASSIFIED

NO PICTOGRAMS

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: **SALT AND WATER (SOLUTION) NaCl & H₂O**

Concentration: 7-10%

4. FIRST AID MEASURES

Skin contact: WASH WITH SOAP AND WATER

Eye contact: FLUSH WITH WATER

Inhalation: A LIQUID, CANNOT BE INHALED

Ingestion: INGESTIONS OF EXTREMELY LARGE DOSES MAY CAUSE VOMITING AND DIARRHEA. SALT MAY CAUSE DEHYDRATION OF INTERNAL ORGANS.

DRINK LARGE AMOUNTS OF FRESH WATER

Personal protection for the first aid person: NONE REQUIRED

Indication for physician: NOTED ABOVE

5. FIRE FIGHTING MEASURES

Suitable fire extinguish media: NOT FLAMMABLE

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: AVOID CONTACT WITH EYES

Environment precautions: NONE

Methods for cleaning up: SAME AS FOR WATER SPILLS

7. HANDLING AND STORAGE

Handling precautions: NO SPECIAL PRECAUTIONS NECESSARY

Storage conditions: KEEP TIGHTLY CLOSED

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection equipment NO SPECIAL PPE REQUIRED

Respirators protection: NOT REQUIRED

Hands protection: NOT REQUIRED

Eye protection: NOT REQUIRED

Skin and body protection: NOT REQUIRED

Hygiene practices: WASH HANDS AFTER USE

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: CLEAR

Odor: ODORLESS

Specific gravity: 1.01

Boiling point: 101 °C

Freezing point: <0°C

Solution in water: ALREADY A LIQUID

Vapor pressure: 760 mm Hg

Vapor density: N/A

pH value: 4-5

Decomposition temp.: N/A

Flashing temp: N/A (WATER BASED SOLUTION)

Explosion limited: N/A

10. STABILITY AND REACTIVITY

Stability: VERY STABLE

Possible hazard under special condition: NONE

Condition to avoid:

Material to avoid: LITHIUM, BROMIDE, TRIFLUORIDE

Hazardous decomposition procedures: WHEN HEATED OVER 801°C (1474°F) IT EMITS FUMES OF CHLORIDE AND SODIUM OXIDE

11. TOXICOLOGICAL INFORMATION

Acute toxicity: NO..... NOT A HEALTH HAZARD

Inhalation: NO DATA NEEDED

Skin: NONE

Eyes: NONE

Ingestion: NONE

12. ECOLOGICAL INFORMATION

NONE

13. DISPOSAL CONSIDERATIONS

NO SPECIAL CONSIDERATIONS REQUIRED

14. TRANSPORT INFORMATION

DOT classification: NOT CLASSIFIED AS HAZARDOUS MATERIAL

IATA/ICAO classification: NOT A HAZARDOUS MATERIAL

UN numbers: NO NUMBER ASSIGNED

15. REGULATORY INFORMATION

Road and traffic safety regulation: NONE

16. OTHER INFORMATION

This information is presented in good faith and believed to be accurate as of the date shown. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

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