
MATERIAL SAFETY DATA SHEET

Page 1 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

CST 3290**MSDS ID: 08847**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CST 3290

Product Code: 08847

Product Function: COOLING WATER TREATMENT

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
-----------------------------	---	-----------------

SODIUM METASILICATE (6834-92-0)	10	NOT ESTABLISHED
---------------------------------	----	-----------------

SODIUM NITRITE (7632-00-0)	10	NOT ESTABLISHED
----------------------------	----	-----------------

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

Skin: FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHES AND SHOES. CLEAN BEFORE REUSE.

Ingestion: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): 400

Unusual Fire or Explosion Hazards: RESIDUE MAY BURN IF HEATED TO DRYNESS.

Extinguishing Media: WATER, WATER FOG, CO2, DRY CHEMICAL

Fire Fighting Instructions: WEAR PROTECTIVE FIREFIGHTING GEAR AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

WIPE UP SMALL AMOUNTS, FLUSH TO SANITARY SEWER. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. CAUSES SLIPPERY SURFACES. CLEAN AND WASH AREAS. CERCLA PRODUCT R.Q.: NO REPORTABLE QUANTITY.

MATERIAL SAFETY DATA SHEET

Page 2 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

CST 3290**MSDS ID: 08847**

7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP BUNGS IN CONTAINER. IF FROZEN, CONTACT SALES/SERVICE REPRESENTATIVE. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: SIDE-SHIELD SAFETY GLASSES OR CHEMICAL GOGGLES
Protective Gloves: RUBBER, PVC, OR CHEMICAL RESISTANT
Respiratory Protection: USUALLY NOT REQUIRED.
Other Protective Clothing/Equipment: CLOTHING TO PREVENT SKIN CONTACT. EYE WASH IN USE AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR PINK LIQUID, MILD AROMATIC ODOR.
Boiling Point (F): 216 Freezing Point: Not Determined
Specific Gravity: 1.2700 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 72 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: OXIDIZING AGENTS AND CHLORINATED CLEANERS.
Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN WITH INCOMPLETE COMBUSTION.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CAUSES EYE AND SKIN IRRITATION WITH PAIN AND REDNESS OR DRYNESS. MAY BE HARMFUL IF SWALLOWED. CAUSES NAUSEA, VOMITING, PAIN AND DIARRHEA IF PRODUCT IS INGESTED.
Chronic: NO KNOWN HAZARDS
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN; PROLONGED CONTACT MAY CAUSE DRYNESS OR DERMITITIS.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

EMPTY CONTAINER. TRIPLE RINSE WITH WATER AND ADD RINSATE TO PROCESS. DEFACE LABEL BEFORE DISPOSING OR SELLING CONTAINERS. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. NOT A RCRA HAZARDOUS WASTE. CONTAINS BIODEGRADABLE DETERGENTS.

MATERIAL SAFETY DATA SHEET

Page 3 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

CST 3290**MSDS ID: 08847**

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:**CERCLA/EPCRA/313 Toxic Chemicals:****ALL CHEMICALS ARE ON THE TSCA INVENTORY.****CARCINOGENICITY:**

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0
Personal Protective Equipment: B

State Right-to-Know Information:**SODIUM TETRABORATE - CAS #1303-96-4****SODIUM MERCAPTOBENZOTHIAZOLE - CAS #2492-26-4****SODIUM METASILICATE - CAS #6834-92-0****WATER - CAS #7732-18-5****SODIUM NITRITE - CAS #7632-00-0**

16. OTHER INFORMATION

DISCLAIMER: The information contained in this safety data sheet is based on knowledge of this specific product and current national legislation. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for their particular conditions of storage, handling, and use.