
MATERIAL SAFETY DATA SHEET

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

CIRGUARD**MSDS ID: 09296**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CIRGUARD

Product Code: 09296

Product Function: LIQUID CORROSION INHIBITOR

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 ETHYLIDENE DIPHOSPHONATE (2809-21-4)	4-6	NOT ESTABLISHED
POTASSIUM HYDROXIDE (1310-58-3)	<7	2 MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: NO

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: FIRE MAY RELEASE SULFUR DIOXIDE FUMES.

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.

CIRGUARD

MSDS ID: 09296

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 LIGHT YELLOW LIQUID, MILD DETERGENT ODOR
Boiling Point (F): 212 Freezing Point: Not Determined
Specific Gravity: 1.0500 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 89 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: DO NOT MIX WITH ACIDS, OXIDIZERS AND POWDERED CHLORINATED CLEANERS.
Hazardous Decomposition Products: CO AND CO2
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

CIRGUARD**MSDS ID: 09296**

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:

WATER - CAS #7732-18-5

POTASSIUM HYDROXIDE CAS # 1310-58-3

SODIUM ETHYLIDENE DIPHOSPHONATE CAS # 2809 -21-4

SODIUM MOLYBDATE CAS # 7631-95-0

SODIUM POLYACRYLATE CAS # 9003-01-4

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.