
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

RX-9**MSDS ID: 00165**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: RX-9

Product Code: 00165

Product Function: ACIDIC CLEANER DISINFECTANT

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	
PHOSPHORIC ACID (7664-38-2)	<9	TLV 1; PEL 1; ST 3	MG/M3
OXALIC ACID (144-62-7)	3	TLV 1; PEL 1	MG/M3
ALKYLDIMETHYL BENZYL AMMONIUM CHLORIDE (68424-85-1)	1.5	Not Established	
DIALKYL DIMETHYL AMMONIUM CHLORIDE (8001-54-5)	1.0	Not Established	

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

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

Skin: PROMPTLY FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR INJURED SKIN.

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

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): <200

Unusual Fire or Explosion Hazards: CORROSIVE LIQUID. ELEVATED TEMPERATURES MAY CAUSE CONTAINERS TO DEVELOP PRESSURE AND BURST.

Extinguishing Media: CO2, FOAM, WATER, DRY CHEMICALS

Fire Fighting Instructions: WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.

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6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

STOP LEAKS AND CONTAIN SPILL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI (SODIUM CARBONATE) AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = PHOSPHORIC ACID - 11,363 LBS OR 1,067 GALLONS

7. HANDLING AND STORAGE

KEEP AWAY FROM CHLORINATED CLEANERS AND BLEACHES. KEEP CONTAINER CLOSED. DO NOT STORE WITH FOOD, KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: GOGGLES OR FACE SHIELD

Protective Gloves: ACID RESISTANT, RUBBER, OR PVC

Respiratory Protection: IF PEL/TLV MAY BE EXCEEDED, USE AN APPROPRIATE NIOSH RESPIRATOR OR FULL FACE PIECE SUPPLIED AIR RESPIRATOR.

Other Protective Clothing/Equipment: WEAR CHEMICAL APRON WHEN HANDLING CONCENTRATED PRODUCT. EYE IN DILUTION AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR, BLUE GREEN LIQUID; SLIGHT PINE-FLORAL ODOR

Boiling Point (F): 214 Freezing Point: Not Determined

Specific Gravity: 1.0500 pH: Not Determined

pH 1% SOLUTION: Not Determined

Volatile (% by Vol.): 85 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE

Incompatibility With Other Materials: ALKALINE MATERIALS, SOFT METALS, OR CHLORINATED CLEANERS. CONTACT WITH ALUMINUM WILL CAUSE CORROSION AND RELEASE HYDROGEN GAS.

Hazardous Decomposition Products: TOXIC OR IRRITATING FUMES OF OXIDES OF CARBON AND NITROGEN.

Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Acute: CORROSIVE TO SKIN AND EYES. MISTS MAY CAUSE SEVERE IRRITATIONS OF NOSE AND THROAT AND LUNG TISSUES AND UPPER RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED.

Chronic: SAME AS ACUTE

Medical Conditions Generally Aggravated by Exposure:

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11. TOXICOLOGICAL INFORMATION (Cont.)

SENSITIVE SKIN; MISTS MAY AGGRAVATE RESPIRATORY DISEASE.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. ADJUST PH; CONTAINS PHOSPHORUS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.

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:

THIS PRODUCT CONTAINS PHOSPHORIC ACID (7664-38-2) AT 8.5%, AND OXALIC ACID (144-62-7 AT 3%, WHICH ARE SARA REPORTABLE.

CARCINOGENICITY:

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

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 0
Personal Protective Equipment: C

State Right-to-Know Information:

OXALIC ACID - CAS #144-62-7

PHOSPHORIC ACID - CAS #7664-38-2

WATER - CAS #7732-18-5

ALKYLDIMETHYL BENZYL AMMONIUM CHLORIDE CAS #68424-85-1

DIALKYL DIMETHYL AMMONIUM CHLORIDE - CAS #8001-54-5

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.