
MATERIAL SAFETY DATA SHEET

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

FAC-106**MSDS ID: 02120**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: FAC-106

Product Code: 02120

Product Function: ACIDIC CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits	
PHOSPHORIC ACID (7664-38-2)	26	TLV 1; PEL 1; ST 3	MG/M3
NITRIC ACID (7697-37-2)	16	TLV 5; PEL 5	MG/M3

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 FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.

Ingestion: GIVE WATER. DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Inhalation: Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: MATERIAL IS SAFE (NON-REACTIVE) ON STAINLESS STEEL, BUT WILL PRODUCE HYDROGEN BY CONTACT WITH OTHER NON-STAINLESS STEEL METALS

Extinguishing Media: CO2, FOAM

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

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

FLUSH SMALL AMOUNTS TO DRAIN; IMPOUND LARGE AMOUNTS AND TREAT WITH NAHC03, DISCHARGE DRY RESIDUE TO SOLID WASTE. PRODUCT R.Q. = (NITRIC ACID), 607 GALLONS AND PHOSPHORIC ACID = 1813 GALLONS.

MATERIAL SAFETY DATA SHEET

Page 2 of 3
Revised 2/02/04
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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. IF FROZEN, THAW AND MIX TO MAKE USABLE. STORE AWAY FROM CHLORINATED PRODUCTS AND ALKALIS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD AND GOGGLES.

Protective Gloves: ACID RESISTANT

Respiratory Protection: WEAR NIOSH APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.

Other Protective Clothing/Equipment: WEAR CHEMICAL RESISTANT APRON AND BOOTS WHEN HANDLING.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR LIQUID; ACIDIC ODOR

Boiling Point (F): 215 Freezing Point: Not Determined

Specific Gravity: 1.2600 pH: Not Determined

pH 1% SOLUTION: Not Determined

Volatile (% by Vol.): 45 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE

Incompatibility With Other Materials: NON-STAINLESS STEEL METALS, CELLULOSE MATERIALS.

Hazardous Decomposition Products: OXIDES OF HYDROGEN, OXYGEN, PHOSPHORUS, NITROGEN

Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Acute: CAUSES BURNS TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT

Chronic: SAME AS ACUTE

Medical Conditions Generally Aggravated by Exposure: SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONTAINS PHOSPHATES

MATERIAL SAFETY DATA SHEET

Page 3 of 3
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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 AT 26.25% AND NITRIC ACID AT 15.68% WHICH ARE SARA REPORTABLE.

CARCINOGENICITY:

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

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 1
Personal Protective Equipment: D

State Right-to-Know Information:

PHOSPHORIC ACID - CAS #7664-38-2

NITRIC ACID - CAS #7697-37-2

WATER - CAS #7732-18-5

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.