

---

**MATERIAL SAFETY DATA SHEET**

---

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

**NITRIC ACID 36 BAUME****MSDS ID: 08287**

---

---

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

---

Product Name: NITRIC ACID 36 BAUME

Product Code: 08287

Product Function: LIQUID ACID CLEANER

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 |
|-----------------------------|----|-----------------|
| NITRIC ACID (7697-37-2)     | 54 | TLV 5; PEL 5    |

---

---

**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.

Skin: IMMEDIATELY FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.

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

Inhalation: REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, GIVE OXYGEN. GET MEDICAL ATTENTION.

---

---

**5. FIRE FIGHTING MEASURES**

---

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: STRONGLY ACIDIC LIQUID

Extinguishing Media: WATER, WATER FOG

Fire Fighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.

---

---

**6. ACCIDENTAL RELEASE MEASURES**

---

If Material is Released or Spilled:

DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE ANY RESIDUE WITH DILUTE ALKALI BEFORE DISPOSAL TO SANITARY SEWER. CERCLA PRODUCT RQ = NITRIC ACID - 1,852 LBS OR 166 GAL.

**NITRIC ACID 36 BAUME**

MSDS ID: 08287

**7. HANDLING AND STORAGE**

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLY WITH STIRRING TO AVOID VIOLENT SPLATTERING AND HEAT GENERATION.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye/Face Protection: GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS  
Protective Gloves: ACID RESISTANT  
Respiratory Protection: USE APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV.  
Other Protective Clothing/Equipment: ACID RESISTANT CHEMICAL APRON WHEN HANDLING SAFETY SHOWER/EYE WASH

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor: LIGHT YELLOW LIQUID; STRONG ODOR  
Boiling Point (F): 284 Freezing Point: Not Determined  
Specific Gravity: 1.3330 pH: Not Determined  
pH 1% SOLUTION: Not Determined  
Volatile (% by Vol.): 32 Solubility in Water: 100

**10. STABILITY AND REACTIVITY**

Chemical Stability: STABLE  
Incompatibility With Other Materials: CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS  
Hazardous Decomposition Products: NITROGEN OXIDES  
Hazardous Polymerization: None

**11. TOXICOLOGICAL INFORMATION**

Signs and Symptoms of Overexposure:  
Acute: CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT; PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. MAY BE FATAL IF SWALLOWED.  
Chronic: SAME AS ACUTE  
Medical Conditions Generally Aggravated by Exposure: SENSITIVE SKIN AND EYES, 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 CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING, DISPOSAL, OR RECYCLE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.

---

**MATERIAL SAFETY DATA SHEET**

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

**NITRIC ACID 36 BAUME****MSDS ID: 08287**

---

---

**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 SARA TITLE III, SECTION 313 CHEMICALS: NITRIC ACID (7697-37-2) AT 54%.

**CARCINOGENICITY:**

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

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

**State Right-to-Know Information:**

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.