

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Nitric acid

Product Number : 438073  
Brand

**Flammability:** 0  
**Physical hazards:** 3

**NFPA Rating**

**Health hazard:** 3  
**Fire:** 0  
**Reactivity Hazard:** 2  
**Special hazard.:** OX

**Health hazard:** 3  
**Fire:** 0  
**Reactivity Hazard:** 0

**Potential Health Effects**

**Inhalation** May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.  
**Skin** May be harmful if absorbed through skin. Causes skin burns.  
**Eyes** Causes eye burns. Causes severe eye burns.  
**Ingestion** May be harmful if swallowed.

---

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Formula : HNO<sub>3</sub>  
Molecular Weight : 63.01 g/mol

Component	Classification	Concentration
<b>Nitric acid</b>		
CAS-No. 7697-37-2	Ox. Liq. 3; Skin Corr. 1A; H272, H314	70 - 90 %
EC-No. 231-714-2		
Index-No. 007-004-00-1		

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

---

**4. FIRST AID MEASURES**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

---

**5. FIREFIGHTING MEASURES**

**Conditions of flammability**

Not flammable or combustible.

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.



**Hand protection**

Handle with gloves. Gloves must be inspected prior t



**Aspiration hazard**

no data available

**Potential health effects****Inhalation**

May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

**Ingestion**

May be harmful if swallowed.

**Skin**

May be harmful if absorbed through skin. Causes skin burns.

**Eyes**

Causes eye burns. Causes severe eye burns.

Proper shipping name: NITRIC ACID  
Marine pollutant: No

**IATA**

UN number: 2031 Class: 8 (5.1) Packing group: II  
Proper shipping name: Nitric acid  
IATA Passenger: Not permitted for transport

---

**15. REGULATORY INFORMATION**

**OSHA Hazards**

Target Organ Effect, Corrosive, Oxidizer Target Organ Effect, Corrosive

**SARA 302 Components**

The following components are subject to reporting levels established by SARA Title III, Section 302:

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

**SARA 313 Components**

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

**SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right To Know Components**

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

**Pennsylvania Right To Know Components**

	CAS-No.	Revision Date
Water	7732-18-5	
Nitric acid	7697-37-2	2007-07-01

**New Jersey Right To Know Components**

	CAS-No.
Water	7732-18-5

