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# ReAgent

## SAFETY DATA SHEET NITRIC ACID 0.014M

According to Regulation (EC) No 1907/2006

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME NITRIC ACID 0.014M  
 PRODUCT NO. 2104  
 APPLICATION General chemical reagent  
 SUPPLIER Reagent Chemical Services  
 18 Aston Fields Road  
 Whitehouse Industrial Estate  
 Runcorn  
 Cheshire WA7 3DL  
 T: 01928 716903  
 F: 01928 716425  
 E: [info@reagent.co.uk](mailto:info@reagent.co.uk)  
 EMERGENCY TELEPHONE Emergency Telephone : +44 (0) 1928 716903 Between 08.30 - 17.00

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NITRIC ACID ...%	231-714-2	7697-37-2	< 1	O;R8 C;R35

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### INGESTION

Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!

#### SKIN CONTACT

Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

#### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

## NITRIC ACID 0.014M

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry and cool place.

**STORAGE CLASS**

Chemical storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
NITRIC ACID ...%	WEL	2 ppm	5.2 mg/m3	4 ppm	10 mg/m3	

WEL = Workplace Exposure Limit.

**ENGINEERING MEASURES**

Provide adequate ventilation.

**HAND PROTECTION**

Wear protective gloves. Rubber or plastic

**EYE PROTECTION**

Wear safety glasses. If risk of splashing, wear safety goggles or face shield.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	RELATIVE DENSITY	About 1
COLOUR	Colourless		
ODOUR	Odourless		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	About 100		

### 10 STABILITY AND REACTIVITY

**STABILITY**

Stable under normal temperature conditions.

**MATERIALS TO AVOID**

Alkali metals. Alkali earth metals. Bases, alkalies (inorganic). Bases, alkalies (organic). Ammonia. Oxidizable substances.

### 11 TOXICOLOGICAL INFORMATION

**INGESTION**

Irritation of the mouth, the oesophagus and the gastrointestinal tract.

**SKIN CONTACT**

Irritating to skin.

**EYE CONTACT**

Irritating to eyes.

**HEALTH WARNINGS**

Although not classified as hazardous, the product should be treated with the care and attention appropriate to chemicals.

### 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal.

### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION

