

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 3.1 Revision Date 09.01.2009

Print Date 25.03.2009

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

Product name : Argon

Product Number : 00752  
Brand : Fluka

Company : Sigma-Aldrich Chemie GmbH  
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### 2. HAZARDS IDENTIFICATION

This substance is not classified as dangerous according to Directive 67/548/EEC.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : Ar  
Molecular Weight : 39,95 g/mol

CAS-No.	EC-No.	Index-No.	Classification	Concentration
<b>Argon</b>				
7440-37-1	231-147-0	-	-	-

### 4. FIRST AID MEASURES

#### If inhaled

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

#### In case of skin contact

Wash off with soap and plenty of water.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

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

#### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

Avoid breathing vapors, mist or gas.

**Methods for cleaning up**

Wipe up with absorbent material (e.g. cloth, fleece).

**7. HANDLING AND STORAGE****Handling**

Normal measures for preventive fire protection.

**Storage**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Contents under pressure.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Personal protective equipment****Respiratory protection**

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection**

For prolonged or repeated contact use protective gloves.

**Eye protection**

Safety glasses

**Hygiene measures**

General industrial hygiene practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form                      gaseous

**Safety data**

pH                              no data available

Melting point              -189,2 °C

Boiling point                -185,7 °C

Flash point                  not applicable

Ignition temperature      no data available

Lower explosion limit      no data available

Upper explosion limit      no data available

Water solubility            no data available

Relative vapour  
density                        1,38  
                                      - (Air = 1.0)

**10. STABILITY AND REACTIVITY****Storage stability**

Stable under recommended storage conditions.

**Materials to avoid**

Strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available

### Irritation and corrosion

no data available

### Sensitisation

no data available

### Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### Signs and Symptoms of Exposure

Nausea, Dizziness, Headache

### Potential Health Effects

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

### Additional Information

RTECS: CF2300000

## 12. ECOLOGICAL INFORMATION

### Elimination information (persistence and degradability)

no data available

### Ecotoxicity effects

no data available

### Further information on ecology

no data available

## 13. DISPOSAL CONSIDERATIONS

### Product

Observe all federal, state, and local environmental regulations.

### Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### ADR/RID

UN-Number: 1006 Class: 2.2

Proper shipping name: ARGON, COMPRESSED, SOLUTION

### IMDG

UN-Number: 1006 Class: 2.2

Proper shipping name: ARGON, COMPRESSED, SOLUTION

Marine pollutant: No

EMS-No: F-C, S-V

**IATA**

UN-Number: 1006 Class: 2.2

Proper shipping name: Argon, compressed, solution

**15. REGULATORY INFORMATION****Labelling according to EC Directives**

Further information:

The product does not need to be labelled in accordance with EC directives or respective national laws.

**16. OTHER INFORMATION****Further information**

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