

Safety Data Sheet  
According to Regulation (EC) 1907/2006



**5069 Isoparaffin H (Substitute of Xylene)**

**1. Identification of the substance/preparation and of the company or firm**

**1.1 Identification of the substance or preparation**

Name:

Isoparaffin H (Substitute of Xylene)

**Synonym:**

**REACH Registration Number:** 01-2119472146-39-XXXX

**1.2 Use of the substance/preparation:**

For laboratory utilisation, analysis, research and fine chemistry.

**1.3 Identification of the company or firm:**

PANREAC QUIMICA S.L.U.

C/Garraf 2

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: [product.safety@panreac.com](mailto:product.safety@panreac.com)

**1.4 Emergency telephone:**

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

**2. Identification of dangers**

Classification of the substance or the mixture.

**Classification Regulation (CE) nº 1272/2008.**

Asp. Tox. 1

Aquatic Chronic 4

**Hazard Pictograms**



**Signal word**

Danger

### **Hazard statements**

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

EUH066 Repeated exposure may cause skin dryness or cracking.

### **Precautionary statements**

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P273 Avoid release to the environment.

P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

### **Classification (67/548/CEE or 1999/45/CE).**

**Xn** Harmful

R65

R53

R66

For the full text of the R-phrases mentioned in this section, see section 16.

## **3. Component Composition/Information**

Name: Isoparaffin H (Substitute of Xylene)

CAS [90622-58-5]

EC number (EINECS): 292-460-6

REACH Registration Number: 01-2119472146-39-XXXX

## **4. First aid**

### **4.1 General indications:**

Never provide drink or induce vomiting in the event of loss of consciousness.

### **4.2 Inhaling:**

Take the person out into the fresh air. In the event sickness persists, seek medical assistance.

### **4.3 Contact with the skin:**

Wash with plenty of soap and water. Remove contaminated clothing. In the event of irritation, seek medical assistance.

### **4.4 Eyes:**

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. In the event of irritation, seek medical assistance.

### **4.5 Swallowing:**

Wash mouth out immediately. Drink large amounts of water. Avoid vomiting. Seek immediate medical assistance.

## **5. Fire-fighting means**

**5.1 Suitable fire-extinguishing means:**

Foam. Dry powder. Atomized water. Carbon dioxide (CO<sub>2</sub>).

**5.2 Fire-fighting means which must NOT be used:**

Running water.

**5.3 Special risks:**

Combustible. In the event of fire, toxic fumes may form: CO y CO<sub>2</sub>.

**5.4 Protective equipment:**

Suitable clothing and footwear. Self-contained breathing equipment.

**6. Measures to be taken in the event of accidental spillage****6.1 Individual precautions:**

Do not inhale the fumes. Avoid contact with the skin, eyes or clothing. Avoid sources of ignition. Do not smoke.

**6.2 Precautions for care of the environment:**

Avoid pollution of the soil, water supplies and drains.

**6.3 Methods for collection/cleaning:**

Collect up with absorbent materials (Panreac General Absorbent, Kieselguhr, etc.) or, if none available, dry sand or earth, and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

**7. Handling and storage****7.1 Handling:**

Avoid the formation of electrostatic charges.

**7.2 Storage:**

In well ventilated premises. In a cool place. Away from light. Well sealed containers.

**8. Staff exposure/protection controls****8.1 Technical protective measures:**

Ensure good ventilation and renewal of the air in the premises. Do not inhale the fumes.

**8.2 Exposure limit control:**

TWA: 300 ppm - 2.037 mg/m<sup>3</sup> ,

**8.3 Respiratory protection:**

In the event of fumes forming/aerosols, use suitable respiratory protection.

**8.4 Hand protection:**

Use suitable gloves

**8.5 Eye protection:**

Use suitable goggles.

### **8.6 Individual hygiene measures:**

Wash hands before breaks and when the job is done.

### **8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

## **9. Physical and chemical properties**

Appearance: liquid

Colour: Colourless

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: < -50 °C

Initial boiling point and boiling range: 173 - 193 °C

Flash point: 67 °C (closed cup)

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits: 7 %(V) / 0,6 %(V)

Vapour pressure: 10 hPa (20 °C)

Vapour density: N/A

Relative density: (15/4) 0,765

Solubility: in ( ) Insoluble in water

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature: >200 °C

Decomposition temperature: N/A

Kinematic viscosity: N/A

Dynamic viscosity:

N/A

## **10. Stability and reactivity**

### **10.1 Conditions which should be avoided:**

Adjacent sources of heat. High temperatures.

### **10.2 Matter which should be avoided:**

Strong oxidant agents.

### **10.3 Hazardous decomposition products:**

Carbon dioxide. Carbon monoxide.

### **10.4 Complementary information:**

The product is chemically stable under standar ambient conditions (room temperature).

## **11. Toxicological information**

### **11.1 Acute toxicity:**

LD50 oral rat : > 5.000 mg/kg (OECD 401)

LD50 skn mus : > 5.000 mg/kg (OECD 402)

### **11.2 Dangerous effects for health:**

If fumes inhaled: coughing, Irritations to the respiratory tracts. Can cause headaches, tiredness, vertigo, effects on the central nervous system Through contact with the eyes: irritations Upon contact with the skin: irritations, Following prolonged contact with the product. dermatitis If swallowed: Can cause pulmonary oedema bronchopneumonia Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

## **12. Environmental information**

### **12.1 Toxicity:**

Non-ecotoxic.

### **12.2 Persistence and Degradability :**

Easily biodegradable product.

### **12.3 Bioaccumulative potential:**

Data not available.

### **12.4 Mobility in soil :**

Data not available.

### **12.5 Assessment PBT and MPMB :**

Data not available.

### **12.6 Other possible effects on the environment:**

If suitable handling conditions are maintained, no ecological problems are to be anticipated.

## **13. Considerations regarding elimination**

### **13.1 Substance or preparation:**

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

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### **13.2 Contaminated containers:**

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

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## **14. Information concerning transport**

Overland (ADR):

Technical name: HIDROCARBUROS LÍQUIDOS, N.E.P.

UN 3295 Class: 3 CONTAM. MAR Packaging group: III (D/E)

By sea (IMDG):

Technical name: HIDROCARBUROS LÍQUIDOS, N.E.P.

UN 3295 Class: 3 CONTAM. MAR Packaging group: III

By air (ICAI-IATA):

Technical name: Hydrocarbons, liquid, n.o.s.

UN 3295 Class: 3 CONTAM. MAR Packaging group: III

Packaging instructions: CAO 366 PAX 355

## 15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 16. Other information

### Other precautionary statements

### Labelling (65/548/CEE or 1999/45/CE)

R-phrase(s):	<b>R65</b> Harmful: may cause lung damage if swallowed. <b>R53</b> May cause long-term adverse effects in the aquatic environment. <b>R66</b> Repeated exposure may cause skin dryness or cracking.
S-phrase(s):	<b>S23c</b> Do not breathe vapour. <b>S24</b> Avoid contact with skin. <b>S62</b> If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Version and revision date : 4 10.8.2012

Replaced: 3.11.2010

In respect of the previous review, changes have been made to the following sections: 2, 3

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.