

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



5273 Isoparaffin G

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

1.1 Identification of the substance or preparation

Name:

Isoparaffin G

Synonym:

REACH Registration Number: 01-2119471991-29-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

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.

Flam. Liq. 3

Asp. Tox. 1

Hazard Pictograms



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242 Use only non-sparking tools.

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

F Highly flammable

R10

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

3. Component Composition/Information

Name: Isoparaffin G

CAS [90622-57-4]

EC number (EINECS): 292-459-0

REACH Registration Number: 01-2119471991-29-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 of suffocation, proceed to provide artificial respiration. In the event sickness persists, seek medical assistance.

4.3 Contact with the skin:

Wash with plenty of water.

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:

Avoid vomiting. Seek immediate medical assistance.

5. Fire-fighting means

5.1 Suitable fire-extinguishing means:

Foam. Dry powder. Atomized water.

5.2 Fire-fighting means which must NOT be used:

No specific data.

5.3 Special risks:

Combustible.

5.4 Protective equipment:

Suitable clothing and footwear.

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

No special indications.

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. Well sealed containers. Away from light.

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

No special indications.

8.2 Exposure limit control:

TWA: 300 ppm - 1.840 mg/m³

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: 158 - 176 °C

Flash point:

N/A

Flammability (solid, gas):

N/A

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

Vapour pressure: 3 hPa (20 °C)

Vapour density: N/A

Relative density: (15/4) 0,751

Solubility: in Insoluble in water

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature: >200 °C

Decomposition temperature: N/A

Viscosity: N/A

10. Stability and reactivity

10.1 Conditions which should be avoided:

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

10.2 Matter which should be avoided:

Strong oxidant agents.

10.3 Hazardous decomposition products:

No specific data.

10.4 Complementary information:

No specific data.

11. Toxicological information

11.1 Acute toxicity:

: Data not available.

11.2 Dangerous effects for health:

If fumes inhaled: Irritations to the respiratory tracts. Can cause headaches
dizziness effects on the central nervous system Through contact with the eyes:
irritations Upon contact with the skin: 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:

12.1.1 - EC50 test (mg/l):

12.1.2. - Receptor medium:

Risk for the water environment

Risk for the land environment

12.1.3. - Observations:

Non-ecotoxic.

12.2 Persistence and Degradability :

12.2.1 - Test:

BOD5

12.2.2. - Biotic degradation classification:

BOD5/COD

Biodegradability

12.2.3. - Abiotic degradation depending on pH:

12.2.4. - Observations:

Medium-term biodegradable product.

12.3 Bioaccumulative potential:

12.3.1. - Test:

12.3.2. - Bioaccumulation:

Risk

12.3.3. - Observations:

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:

Environmental risks cannot be excluded if used and/or disposed of inappropriately.

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: HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 20 °C)
at 20 °C
HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 20 °C)
LIQUID, N.O.S.

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

By sea (IMDG):

Technical name: HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 20 °C)
at 20 °C
HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 20 °C)
LIQUID, N.O.S.

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

By air (ICAO-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

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use for extinction.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

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

R-phrases: **R65** Harmful: may cause lung damage if swallowed.
R10 Flammable.

S-phrases: **S62** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S43h In case of fire, use sand, carbon dioxide or dry chemical powder. Never use water.
S24 Avoid contact with skin.
S23c Do not breathe vapour.

Review number and date: 3 3.11.10

Date published: 3.11.10

In respect of the previous review, changes have been made to the following sections: 2, 3, 15

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.

