SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Identification of the substance: Isohexane

Article number: 7576
Registration number (REACH): 01-2119484651-34-xxxx
Index No: 601-007-00-7
EC number: 295-570-2
CAS number: 92112-69-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses:
laboratory chemical
laboratory and analytical use

1.3 Details of the supplier of the safety data sheet

Carl Roth GmbH + Co KG
Schoemperlenstr. 3-5
D-76185 Karlsruhe
Germany

Telephone: +49 (0) 721 - 56 06 0
Telefax: +49 (0) 721 - 56 06 149
e-mail: sicherheit@carlroth.de
Website: www.carlroth.de

Competent person responsible for the safety data sheet: Department Health, Safety and Environment

1.4 Emergency telephone number

Emergency information service: Poison Centre Munich: +49/(0)89 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

<table>
<thead>
<tr>
<th>Classification acc. to GHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section</td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>2.6</td>
</tr>
<tr>
<td>3.2</td>
</tr>
<tr>
<td>3.8D</td>
</tr>
<tr>
<td>3.10</td>
</tr>
</tbody>
</table>
Classification acc. to GHS

<table>
<thead>
<tr>
<th>Section</th>
<th>Hazard class</th>
<th>Hazard class and category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1C</td>
<td>hazardous to the aquatic environment - chronic hazard</td>
<td>(Aquatic Chronic 2)</td>
<td>H411</td>
</tr>
</tbody>
</table>

The most important adverse physicochemical, human health and environmental effects
Narcotic effects.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 (CLP)

**Signal word** Danger

**Pictograms**

![Pictograms](image)

**Hazard statements**
- **H225**  Highly flammable liquid and vapour
- **H304**  May be fatal if swallowed and enters airways
- **H315**  Causes skin irritation
- **H336**  May cause drowsiness or dizziness
- **H411**  Toxic to aquatic life with long lasting effects

**Precautionary statements**

**Precautionary statements - prevention**
- **P210**  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **P273**  Avoid release to the environment.

**Precautionary statements - response**
- **P301+P310**  IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- **P302+P352**  IF ON SKIN: Wash with plenty of soap and water.
- **P331**  Do NOT induce vomiting.

**Labelling of packages where the contents do not exceed 125 ml**
Signal word: Danger

**Symbol(s)**

![Symbol](image)

- **H304**  May be fatal if swallowed and enters airways.
- **P301+P310**  IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- **P331**  Do NOT induce vomiting.

2.3 Other hazards
There is no additional information.
SECTION 3: Composition/information on ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>Isohexane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index No</td>
<td>601-007-00-7</td>
</tr>
<tr>
<td>Registration number (REACH)</td>
<td>01-2119484651-34-xxxx</td>
</tr>
<tr>
<td>EC number</td>
<td>295-570-2</td>
</tr>
<tr>
<td>CAS number</td>
<td>92112-69-1</td>
</tr>
<tr>
<td>Molecular formula</td>
<td>C₆H₁₄</td>
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<tr>
<td>Molar mass</td>
<td>86.18 g/mol</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes
Take off contaminated clothing.

Following inhalation
Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact
Rinse skin with water/shower. In case of skin irritation, consult a physician.

Following eye contact
Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

Following ingestion
Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed
Aspiration hazard, Cough, Irritation, Dyspnoea, Dizziness, Drowsiness, Narcosis

4.3 Indication of any immediate medical attention and special treatment needed
none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Co-ordinate fire-fighting measures to the fire surroundings
water spray, foam, dry extinguishing powder, carbon dioxide (CO2)
5.2 Special hazards arising from the substance or mixture
Combustible. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours can form explosive mixtures with air.

Hazardous combustion products
In case of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO2)

5.3 Advice for firefighters
Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Use personal protective equipment as required. Avoid contact with skin, eyes and clothes. Do not breathe vapour/spray. Avoidance of ignition sources.

6.2 Environmental precautions
Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. Explosive properties.

6.3 Methods and material for containment and cleaning up
Advices on how to contain a spill
Covering of drains.

Advices on how to clean up a spill
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Other information relating to spills and releases
Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Provision of sufficient ventilation.

• Measures to prevent fire as well as aerosol and dust generation

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharge. Due to danger of explosion, prevent leakage.
of vapours into cellars, flues and ditches.

**Advice on general occupational hygiene**
Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs. When using do not smoke.

7.2 **Conditions for safe storage, including any incompatibilities**
Keep container tightly closed.

**Incompatible substances or mixtures**
Observe hints for combined storage.

**Consideration of other advice**
Ground/bond container and receiving equipment.

• **Ventilation requirements**
Use local and general ventilation.

• **Specific designs for storage rooms or vessels**
Recommended storage temperature: 15 – 25 °C.

7.3 **Specific end use(s)**
No information available.

**SECTION 8: Exposure controls/personal protection**

8.1 **Control parameters**

**National limit values**

**Occupational exposure limit values (Workplace Exposure Limits)**

<table>
<thead>
<tr>
<th>Country</th>
<th>Name of agent</th>
<th>CAS No</th>
<th>Notation</th>
<th>Identifier</th>
<th>TWA [ppm]</th>
<th>TWA [mg/m³]</th>
<th>STEL [ppm]</th>
<th>STEL [mg/m³]</th>
<th>Source</th>
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<tbody>
<tr>
<td>EU</td>
<td>n-hexane</td>
<td>110-54-3</td>
<td>IOELV</td>
<td>20</td>
<td>72</td>
<td>2006/15/EC</td>
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<tr>
<td>GB</td>
<td>n-hexane</td>
<td>110-54-3</td>
<td>WEL</td>
<td>20</td>
<td>72</td>
<td>EH40/2005</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notation**

- **STEL**: Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
- **TWA**: Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

8.2 **Exposure controls**

**Individual protection measures (personal protective equipment)**

**Eye/face protection**

Use safety goggle with side protection.
Skin protection

• hand protection
Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

• type of material
NBR (Nitrile rubber)

• material thickness
0,4 mm

• breakthrough times of the glove material
>480 minutes (permeation: level 6)

• other protection measures
Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.
Flame-retardant protective clothing.

Respiratory protection

Respiratory protection necessary at: Aerosol or mist formation. Type: AX (gas filters and combined filters against low-boiling point organic compounds, colour code: Brown).

Environmental exposure controls
Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid (fluid)</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
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</table>

Other physical and chemical parameters

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH (value)</td>
<td>This information is not available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>-154 °C</td>
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<tr>
<td>Initial boiling point and boiling range</td>
<td>60 °C</td>
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<tr>
<td>Flash point</td>
<td>-20 °C (closed cup)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>not relevant (fluid)</td>
</tr>
</tbody>
</table>
Explosive limits
- lower explosion limit (LEL) 1.2 vol%  
- upper explosion limit (UEL) 7 vol%  
Explosion limits of dust clouds not relevant
Vapour pressure 227 hPa at 20 °C  
Density 0.65 g/cm³ at 20 °C  
Vapour density 1.44 (air = 1)  
Bulk density Not applicable  
Relative density Information on this property is not available.
Solubility(ies)
- Water solubility 0.01 g/l at 20 °C  
Partition coefficient
- n-octanol/water (log KOW) 3.21 (TOXNET)
Auto-ignition temperature 300 °C  
Decomposition temperature no data available
Viscosity not determined
Explosive properties Shall not be classified as explosive
Oxidising properties none

9.2 Other information
- Temperature class (EU, acc. to ATEX) T3 (Maximum permissible surface temperature on the equipment: 200°C)

SECTION 10: Stability and reactivity

10.1 Reactivity
Risk of ignition. Vapours can form explosive mixtures with air.

10.2 Chemical stability
The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions
Danger of explosion: Oxidisers

10.4 Conditions to avoid
Keep away from heat.

10.5 Incompatible materials
different plastic and rubber

10.6 Hazardous decomposition products
Hazardous combustion products: see section 5.
SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Shall not be classified as acutely toxic.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation
Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties
Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

• Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.

• Specific target organ toxicity - repeated exposure
Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard
May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

• If swallowed
nausea, vomiting, aspiration hazard

• If in eyes
slightly irritant but not relevant for classification

• If inhaled
cough, Dyspnoea, fatigue, narcosis

• If on skin
has degreasing effect on the skin, causes skin irritation

Other information
None

SECTION 12: Ecological information

12.1 Toxicity
Toxic to aquatic life with long lasting effects.

Aquatic toxicity (chronic)
May cause long-term adverse effects in the aquatic environment.

12.2 Process of degradability
Theoretical Oxygen Demand: 3,527 mg/mg
Theoretical Carbon Dioxide: 3,064 mg/mg
### Bioaccumulative potential

Does not significantly accumulate in organisms.

n-octanol/water (log KOW) | 3.21

### Mobility in soil

Data are not available.

### Results of PBT and vPvB assessment

Data are not available.

### Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packagings**

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used.

**Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packagings**

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used.

#### 13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### 13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.
### SECTION 14: Transport information

<table>
<thead>
<tr>
<th>14.1</th>
<th>UN number</th>
<th>1208</th>
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<tbody>
<tr>
<td>14.2</td>
<td>UN proper shipping name</td>
<td>HEXANES</td>
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<tr>
<td></td>
<td>Hazardous ingredients</td>
<td>Isohexane</td>
</tr>
<tr>
<td>14.3</td>
<td>Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Class</td>
<td>3 (flammable liquids)</td>
</tr>
<tr>
<td>14.4</td>
<td>Packing group</td>
<td>II (substance presenting medium danger)</td>
</tr>
<tr>
<td>14.5</td>
<td>Environmental hazards</td>
<td>hazardous to the aquatic environment</td>
</tr>
<tr>
<td>14.6</td>
<td>Special precautions for user</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Provisions for dangerous goods (ADR) should be complied within the premises.</td>
<td></td>
</tr>
<tr>
<td>14.7</td>
<td>Transport in bulk according to Annex II of MARPOL and the IBC Code</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The cargo is not intended to be carried in bulk.</td>
<td></td>
</tr>
<tr>
<td>14.8</td>
<td>Information for each of the UN Model Regulations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)</td>
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<tr>
<td></td>
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<td>1208</td>
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<td>Particulars in the transport document</td>
<td>UN1208, HEXANES, 3, II, (D/E), environmentally hazardous</td>
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<td>Classification code</td>
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<td>Packing group</td>
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<tr>
<td></td>
<td>Danger label(s)</td>
<td>3 + &quot;fish and tree&quot;</td>
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<tr>
<td></td>
<td>Environmental hazards</td>
<td>yes (hazardous to the aquatic environment)</td>
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<tr>
<td></td>
<td>Excepted quantities (EQ)</td>
<td>E2</td>
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<tr>
<td></td>
<td>Limited quantities (LQ)</td>
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<td>Transport category (TC)</td>
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<tr>
<td></td>
<td>Tunnel restriction code (TRC)</td>
<td>D/E</td>
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<td></td>
<td>Hazard identification No</td>
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<td></td>
<td>Emergency Action Code</td>
<td>3YE</td>
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<td></td>
<td>• International Maritime Dangerous Goods Code (IMDG)</td>
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<tr>
<td></td>
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<tr>
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<td>Proper shipping name</td>
<td>HEXANES</td>
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</tbody>
</table>
Safety data sheet
according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

Isohexane ROTISOLV® ≥96 %, Pestilyse® plus
article number: 7576

<table>
<thead>
<tr>
<th>Particulars in the shipper's declaration</th>
<th>UN1208, HEXANES, 3, II, -20°C c.c., MARINE POL-LUTANT</th>
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<tbody>
<tr>
<td>Class</td>
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<tr>
<td>Marine pollutant</td>
<td>yes (P) (hazardous to the aquatic environment)</td>
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<tr>
<td>Packing group</td>
<td>II</td>
</tr>
<tr>
<td>Danger label(s)</td>
<td>3 + &quot;fish and tree&quot;</td>
</tr>
</tbody>
</table>

Special provisions (SP)
- 

 Excepted quantities (EQ) 
E2

Limited quantities (LQ) 
1 L

EmS 
F-E, S-D

Stowage category 
E

• International Civil Aviation Organization (ICAO-IATA/DGR)

UN number 
1208

Proper shipping name 
Hexanes

Particulars in the shipper's declaration 
UN1208, Hexanes, 3, II

Class 
3

Environmental hazards 
yes (hazardous to the aquatic environment)

Packing group 
II

Danger label(s) 
3

Excepted quantities (EQ) 
E2

Limited quantities (LQ) 
1 L

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant provisions of the European Union (EU)

• Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)
  Not listed.

• Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)
  Not listed.

• Regulation 850/2004/EC on persistent organic pollutants (POP)
  Not listed.
Safety data sheet  
according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

Isohexane ROTISOLV® ≥96 %, Pestilyse® plus  
article number: 7576

**• Restrictions according to REACH, Annex XVII**

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Wt%</th>
<th>Type of registration</th>
<th>Conditions of restriction</th>
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<td>100</td>
<td>1907/2006/EC annex XVII</td>
<td>R3</td>
<td>3</td>
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<td>Isohexane</td>
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<td>100</td>
<td>1907/2006/EC annex XVII</td>
<td>R40</td>
<td>40</td>
</tr>
</tbody>
</table>

**Legend**

**R3**
1. Shall not be used in:
   - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
   - tricks and jokes,
   - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
2. Articles not complying with paragraph 1 shall not be placed on the market.
3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
   - can be used as fuel in decorative oil lamps for supply to the general public, and,
   - present an aspiration hazard and are labelled with R65 or H304,
4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
   (a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: ‘Keep lamps filled with this liquid out of the reach of children’; and, by 1 December 2010, ‘Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage’;
   (b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked by 1 December 2010 as follows: ‘Just a sip of grill lighter may lead to life threatening lung damage’;
   (c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.
7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.

**R40**
1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
   - metallic glitter intended mainly for decoration,
   - artificial snow and frost,
   - ‘whooppee’ cushions,
   - silly string aerosols,
   - imitation excrement,
   - horns for parties,
   - decorative flakes and foams,
   - artificial cobwebs,
   - stink bombs.
2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
   ‘For professional users only’.
3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

**• Restrictions according to REACH, Title VIII**
None.

**• List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list**
not listed
Safety data sheet
according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

Isohexane ROTISOLV® ≥96 %, Pestilyse® plus
article number: 7576

• Seveso Directive

<table>
<thead>
<tr>
<th>No</th>
<th>Dangerous substance/hazard categories</th>
<th>Qualifying quantity (tonnes) for the application of lower and upper-tier requirements</th>
<th>Notes</th>
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<tbody>
<tr>
<td>E2</td>
<td>environmental hazards (hazardous to the aquatic environment, cat. 2)</td>
<td>200</td>
<td>500</td>
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Notation
57) Hazardous to the Aquatic Environment in category Chronic 2

• Directive 75/324/EEC relating to aerosol dispensers

Filling batch

<table>
<thead>
<tr>
<th>VOC content</th>
<th>100 %</th>
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</thead>
<tbody>
<tr>
<td>650 g/l</td>
<td></td>
</tr>
</tbody>
</table>

Directive on industrial emissions (VOCs, 2010/75/EU)

<table>
<thead>
<tr>
<th>VOC content</th>
<th>100 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>650 g/l</td>
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</tbody>
</table>

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II
not listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)
not listed

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)
not listed

Regulation 98/2013/EU on the marketing and use of explosives precursors
not listed

Regulation 111/2005/EC laying down rules for the monitoring of trade between the Community and third countries in drug precursors
not listed

National inventories
Substance is listed in the following national inventories:

<table>
<thead>
<tr>
<th>Country</th>
<th>National inventories</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>AICS</td>
<td>substance is listed</td>
</tr>
<tr>
<td>EU</td>
<td>ECSI</td>
<td>substance is listed</td>
</tr>
<tr>
<td>JP</td>
<td>CSCL-ENCS</td>
<td>substance is listed</td>
</tr>
<tr>
<td>KR</td>
<td>KECI</td>
<td>substance is listed</td>
</tr>
<tr>
<td>NZ</td>
<td>NZIoC</td>
<td>substance is listed</td>
</tr>
<tr>
<td>TR</td>
<td>CICR</td>
<td>substance is listed</td>
</tr>
</tbody>
</table>
Isohexane ROTISOLV® ≥96 %, Pestilyse® plus

article number: 7576

<table>
<thead>
<tr>
<th>Country</th>
<th>National inventories</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TW</td>
<td>TCSI</td>
<td>substance is listed</td>
</tr>
</tbody>
</table>

**Legend**

- **AICS** - Australian Inventory of Chemical Substances
- **CICR** - Chemical Inventory and Control Regulation
- **CSCL-ENCS** - List of Existing and New Chemical Substances (CSCL-ENCS)
- **ECSI** - EC Substance Inventory (EINECS, ELINCS, NLP)
- **KECI** - Korea Existing Chemicals Inventory
- **NZIoC** - New Zealand Inventory of Chemicals
- **TCSI** - Taiwan Chemical Substance Inventory

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

### SECTION 16: Other information

#### 16.1 Indication of changes (revised safety data sheet)

<table>
<thead>
<tr>
<th>Section</th>
<th>Former entry (text/value)</th>
<th>Actual entry (text/value)</th>
<th>Safety-relevant</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Registration number (REACH): This information is not available.</td>
<td>Registration number (REACH): 01-2119484651-34-xxxx</td>
<td>yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Pictograms: change in the listing (table)</td>
<td></td>
<td>yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Precautionary statements - prevention: change in the listing (table)</td>
<td></td>
<td>yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Precautionary statements - response: change in the listing (table)</td>
<td></td>
<td>yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Precautionary statements - storage</td>
<td></td>
<td>yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Precautionary statements - storage: change in the listing (table)</td>
<td></td>
<td>yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Labelling of packages where the contents do not exceed 125 ml: change in the listing (table)</td>
<td></td>
<td>yes</td>
</tr>
<tr>
<td>14.3</td>
<td>Transport hazard class(es)</td>
<td>Transport hazard class(es): class 3 hazard - flammable liquids</td>
<td>yes</td>
</tr>
<tr>
<td>14.8</td>
<td>Particulars in the shipper’s declaration: UN1208, HEXANES, 3, II, -21°C c.c., MARINE POLLUTANT</td>
<td>Particulars in the shipper’s declaration: UN1208, HEXANES, 3, II, -20°C c.c., MARINE POLLUTANT</td>
<td>yes</td>
</tr>
<tr>
<td>14.8</td>
<td>Marine pollutant: yes (hazardous to the aquatic environment)</td>
<td>Marine pollutant: yes (P) (hazardous to the aquatic environment)</td>
<td>yes</td>
</tr>
</tbody>
</table>

### Abbreviations and acronyms

**Abbr.** | **Descriptions of used abbreviations**
--- | ---
ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
### List of relevant abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMR</td>
<td>Carcinogenic, Mutagenic or toxic for Reproduction</td>
</tr>
<tr>
<td>DGR</td>
<td>Dangerous Goods Regulations (see IATA/DGR)</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Commercial Chemical Substances</td>
</tr>
<tr>
<td>ELINCS</td>
<td>European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>EmS</td>
<td>Emergency Schedule</td>
</tr>
<tr>
<td>GHS</td>
<td>&quot;Globally Harmonized System of Classification and Labelling of Chemicals&quot; developed by the United Nations</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IATA/DGR</td>
<td>Dangerous Goods Regulations (DGR) for the air transport (IATA)</td>
</tr>
<tr>
<td>ICAO</td>
<td>International Civil Aviation Organization</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods Code</td>
</tr>
<tr>
<td>index No</td>
<td>the Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008</td>
</tr>
<tr>
<td>IOELV</td>
<td>indicative occupational exposure limit value</td>
</tr>
<tr>
<td>MARPOL</td>
<td>International Convention for the Prevention of Pollution from Ships (abbr. of &quot;Marine Pollutant&quot;)</td>
</tr>
<tr>
<td>NLP</td>
<td>No-Longer Polymer</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>ppm</td>
<td>parts per million</td>
</tr>
<tr>
<td>REACH</td>
<td>Registration, Evaluation, Authorisation and Restriction of Chemicals</td>
</tr>
<tr>
<td>RID</td>
<td>Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)</td>
</tr>
<tr>
<td>STEL</td>
<td>short-term exposure limit</td>
</tr>
<tr>
<td>SVHC</td>
<td>Substance of Very High Concern</td>
</tr>
<tr>
<td>TWA</td>
<td>time-weighted average</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
<tr>
<td>WEL</td>
<td>workplace exposure limit</td>
</tr>
</tbody>
</table>

### Key literature references and sources for data
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)
- Dangerous Goods Regulations (DGR) for the air transport (IATA)
- International Maritime Dangerous Goods Code (IMDG)
Safety data sheet
according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

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<table>
<thead>
<tr>
<th>Code</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225</td>
<td>highly flammable liquid and vapour</td>
</tr>
<tr>
<td>H304</td>
<td>may be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H315</td>
<td>causes skin irritation</td>
</tr>
<tr>
<td>H336</td>
<td>may cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H411</td>
<td>toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

Disclaimer
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.