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### SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Revision Date 30.03.2016

Version 2.4

#### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

| Catalogue No.             | 104368   |
|---------------------------|--|
| Product name              | n-Hexane EMPLURA®  |
| REACH Registration Number | A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline. |
| CAS-No.                   | 110-54-3   |

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

| Identified uses | Chemical production, Solvent   |
|-----------------|--|
|                 | For additional information on uses please refer to the Merck Chemicals |
|                 | portal (www.merckgroup.com).   |

#### 1.3 Details of the supplier of the safety data sheet

| Company                 | Merck KGaA * 64271 Darmstadt * Germany * Phone:+49 6151 72-0      |
|-------------------------|---|
| Responsible Department  | EHS Manager *+61 (3) 8727 6300 * Monday through Friday, 8:00am to |
|                         | 5:00pm (EST)  |
| Regional representation | Merck Pty. Limited  |
|                         | ABN 80 001 239 818  |
|                         | Ground Floor, Building 1  |
|                         | 885 Mountain Highway  |
|                         | Bayswater VIC 3153 Australia                                      |
|                         | www.merckmillipore.com  |
|                         |   |
| 1.4 Emergency telephone | +61 (3) 8727 6300   |
| number                  | After hours: CHEMCALL +64 4 917 9888                              |
|                         | Poisons Information Centre: 13 1126                               |

Catalogue No. 104368 Product name n-Hexane EMPLURA®

#### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquid, Category 2, H225

Skin irritation, Category 2, H315

Reproductive toxicity, Category 2, H361fd

Specific target organ toxicity - single exposure, Category 3, Central nervous system, H336

Specific target organ toxicity - repeated exposure, Category 2, Inhalation, Nervous system, H373

Aspiration hazard, Category 1, H304

Chronic aquatic toxicity, Category 2, H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Classification (67/548/EEC or 1999/45/EC)

| F          | Highly flammable                 | R11         |
|------------|----------------------------------|-------------|
| Repr.Cat.3 | Toxic to Reproduction Category 3 | R62         |
| Xi         | Irritant                         | R38         |
| Xn         | Harmful                          | R48/20 - 65 |
|            |                                  | R67         |
| Ν          | Dangerous for the environment    | R51/53      |

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

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



*Signal word* Danger

Hazard statements H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. Catalogue No. 104368 Product name n-Hexane EMPLURA®

H336 May cause drowsiness or dizziness.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H373 May cause damage to organs (Nervous system) through prolonged or repeated exposure if inhaled.

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground/bond container and receiving equipment.

P273 Avoid release to the environment.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P314 Get medical advice/ attention if you feel unwell.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

#### Reduced labelling (≤125 ml)

Hazard pictograms



*Signal word* Danger

#### Hazard statements

H304 May be fatal if swallowed and enters airways. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

CAS-No. 110-54-3

#### 2.3 Other hazards

None known.

Catalogue No. 104368 Product name n-Hexane EMPLURA®

#### SECTION 3. Composition/information on ingredients

#### 3.1 Substance

| Formula    | CH₃(CH₂)₄CH₃ | C <sub>6</sub> H <sub>14</sub> (Hill) |
|------------|--------------|---------------------------------------|
| EC-No.     | 203-777-6    |                                       |
| Molar mass | 86.18 g/mol  |                                       |

#### Hazardous components (REGULATION (EC) No 1272/2008)

Chemical Name (Concentration)

Registration number Classification

n-Hexane (<= 100 %)

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

110-54-3 \*)

CAS-No.

| Flammable liquid, Category 2, H225                                 |
|--|
| Skin irritation, Category 2, H315                                  |
| Reproductive toxicity, Category 2, H361fd                          |
| Specific target organ toxicity - single exposure, Category 3, H336 |
| Specific target organ toxicity - repeated exposure, Category 2,    |
| H373   |
| Aspiration hazard, Category 1, H304                                |
| Chronic aquatic toxicity, Category 2, H411                         |
|  |

\*) A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Hazardous components (1999/45/EC)

| Chemical Name (Concentration)  |  |  |
|--------------------------------|--|--|
| CAS-No.                        | Classification                           |  |
| n-Hexane <i>(&lt;= 100 % )</i> |  |  |
| 110-54-3                       | F, Highly flammable; R11                 |  |
|                                | Repr.Cat.3; R62                          |  |
|                                | Xi, Irritant; R38                        |  |
|                                | Xn, Harmful; R48/20-65                   |  |
|                                | R67                                      |  |
|                                | N, Dangerous for the environment; R51-53 |  |

Catalogue No.104368Product namen-Hexane EMPLURA®

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

#### 3.2 Mixture

Not applicable

#### **SECTION 4. First aid measures**

#### 4.1 Description of first aid measures

After inhalation: fresh air. Call in physician.

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.

After eye contact: rinse out with plenty of water. Call in ophthalmologist.

After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Call a physician immediately. Pulmonary failure possible after aspiration of vomit.

#### 4.2 Most important symptoms and effects, both acute and delayed

irritant effects, somnolence, Drowsiness

narcosis, Nausea, Tiredness, CNS disorders, paralysis symptoms

Risk of corneal clouding.

It generally applies for aliphatic hydrocarbons with 6 - 18 carbon atoms that they may cause pneumonia, in some cases also pulmonary oedema, upon direct inhalation, i.e. in conditions that can occur only in very special circumstances (nebulizations, spraying, inhalation of aerosols and similar). After absorption of very large quantities: narcosis.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No information available.

#### SECTION 5. Firefighting measures

#### 5.1 Extinguishing media

*Suitable extinguishing media* Foam, Carbon dioxide (CO2), Dry powder

#### Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

#### 5.2 Special hazards arising from the substance or mixture

| Catalogue No. | 104368            |
|---------------|-------------------|
| Product name  | n-Hexane EMPLURA® |

#### Combustible.

Pay attention to flashback.

Vapours are heavier than air and may spread along floors.

Development of hazardous combustion gases or vapours possible in the event of fire.

Forms explosive mixtures with air at ambient temperatures.

#### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

#### Further information

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

#### SECTION 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders:

Protective equipment see section 8.

#### 6.2 Environmental precautions

Do not let product enter drains. Risk of explosion.

#### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

#### 6.4 Reference to other sections

Indications about waste treatment see section 13.

#### SECTION 7. Handling and storage

#### 7.1 Precautions for safe handling

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#### Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Observe label precautions.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

#### Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

#### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

Recommended storage temperature see product label.

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

#### SECTION 8. Exposure controls/personal protection

#### 8.1 Control parameters

| n-Hexane (110-54-3) |                       |          |
|---------------------|-----------------------|----------|
| AU OEL              | Time Weighted Average | 20 ppm   |
|                     | (TWA):                | 72 mg/m³ |

#### 8.2 Exposure controls

#### **Engineering measures**

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

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#### Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye/face protection

Safety glasses

Hand protection

full contact:

| Glove material:     | Nitrile rubber |
|---------------------|----------------|
| Glove thickness:    | 0.40 mm        |
| Break through time: | > 480 min      |

splash contact:

| Glove material:     | Nitrile rubber |
|---------------------|----------------|
| Glove thickness:    | 0.11 mm        |
| Break through time: | > 10 min       |

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374, for example KCL 730 Camatril® -Velours (full contact), KCL 741 Dermatril® L (splash contact).

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

#### Other protective equipment

Flame retardant antistatic protective clothing.

#### Respiratory protection

required when vapours/aerosols are generated.

Recommended Filter type: Filter A (acc. to DIN 3181) for vapours of organic compounds The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

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#### Environmental exposure controls

Do not let product enter drains.

Risk of explosion.

#### SECTION 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

| Form                        | liquid                    |
|-----------------------------|---------------------------|
| Colour                      | colourless                |
| Odour                       | benzine-like              |
| Odour Threshold             | No information available. |
| рН                          | Not applicable            |
| Melting point               | -94.3 °C                  |
| Boiling point/boiling range | 69 °C<br>at  1,013 hPa    |
| Flash point                 | -22 °C<br>Method: c.c.    |
| Evaporation rate            | No information available. |
| Flammability (solid, gas)   | No information available. |
| Lower explosion limit       | 1.0 %(V)                  |
| Upper explosion limit       | 8.1 %(V)                  |
| Vapour pressure             | 160 hPa<br>at 20 °C       |
| Relative vapour density     | 2.79                      |

| Catalogue No.<br>Product name              | 104368<br>n-Hexane EMPLURA®                                       |
|--|---|
| Density                                    | 0.66 g/cm3<br>at 20 °C  |
| Relative density                           | No information available.   |
| Water solubility                           | 0.0095 g/l<br>at 20 °C  |
| Partition coefficient: n-<br>octanol/water | log Pow: 4.11<br>(calculated)<br>(Lit.) Potential bioaccumulation |
| Auto-ignition temperature                  | No information available.   |
| Decomposition temperature                  | Distillable in an undecomposed state at normal pressure.          |
| Viscosity, dynamic                         | 0.326 mPa.s<br>at 20 °C   |
| Explosive properties                       | Not classified as explosive.                                      |
| Oxidizing properties                       | none  |
| 9.2 Other data                             |   |
| Ignition temperature                       | 240 °C<br>Method: DIN 51794                                       |
| Viscosity, kinematic                       | 0.50 mm2/s<br>at 20 °C  |

#### SECTION 10. Stability and reactivity

#### 10.1 Reactivity

Vapours may form explosive mixture with air.

#### 10.2 Chemical stability

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

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#### 10.3 Possibility of hazardous reactions

Risk of explosion with:

Strong oxidizing agents, nitrogen oxides

Violent reactions possible with:

halogens

Risk of ignition or formation of inflammable gases or vapours with:

SODIUM PEROXIDE

#### 10.4 Conditions to avoid

Warming.

#### 10.5 Incompatible materials

rubber, various plastics

#### 10.6 Hazardous decomposition products

no information available

#### SECTION 11. Toxicological information

#### 11.1 Information on toxicological effects

Acute oral toxicity LD50 Rat: 16,000 mg/kg OECD Test Guideline 401

Symptoms: Nausea

*Acute inhalation toxicity* LC50 Rat: 172 mg/l; 4 h ; vapour (RTECS)

#### Symptoms: Irritation symptoms in the respiratory tract.

Acute dermal toxicity LD50 Rabbit: > 2,000 mg/kg (ECHA)

absorption

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 Catalogue No. 104368 Product name n-Hexane EMPLURA® Skin irritation Causes skin irritation. Eye irritation Risk of corneal clouding. Sensitisation This information is not available. Germ cell mutagenicity Genotoxicity in vivo Micronucleus test Result: negative (National Toxicology Program) Genotoxicity in vitro In vitro mammalian cell gene mutation test Mouse lymphoma test Result: Positive results were obtained in some in vitro tests. Method: OECD Test Guideline 476 Ames test Salmonella typhimurium Result: negative Method: OECD Test Guideline 471 Carcinogenicity This information is not available. Reproductive toxicity This information is not available. Teratogenicity This information is not available. CMR effects Teratogenicity: Suspected of damaging the unborn child.

Reproductive toxicity: Suspected of damaging fertility.

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Specific target organ toxicity - single exposure Target Organs: Central nervous system May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Target Organs: Nervous system

May cause damage to organs through prolonged or repeated exposure.

#### Aspiration hazard

Aspiration hazard, Aspiration may cause pulmonary oedema and pneumonitis.

#### 11.2 Further information

After absorption:

Tiredness, narcosis

After long-term exposure to the chemical:

CNS disorders, paralysis symptoms

It generally applies for aliphatic hydrocarbons with 6 - 18 carbon atoms that they may cause pneumonia, in some cases also pulmonary oedema, upon direct inhalation, i.e. in conditions that can occur only in very special circumstances (nebulizations, spraying, inhalation of aerosols and similar). After absorption of very large quantities: narcosis.

Handle in accordance with good industrial hygiene and safety practice.

#### SECTION 12. Ecological information

#### 12.1 Toxicity

*Toxicity to fish* LC50 Pimephales promelas (fathead minnow): 2.5 mg/l; 96 h (ECOTOX Database)

*Toxicity to daphnia and other aquatic invertebrates* EC50 Daphnia magna (Water flea): 2.1 mg/l; 48 h (Lit.)

#### 12.2 Persistence and degradability

No information available.

#### 12.3 Bioaccumulative potential

Catalogue No. 104368 Product name n-Hexane EMPLURA®

Partition coefficient: n-octanol/water log Pow: 4.11 (calculated)

(Lit.) Potential bioaccumulation

#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

#### 12.6 Other adverse effects

Henry constant

183000 Pa\*m³/mol

(HSDB) Distribution preferentially in air.

Discharge into the environment must be avoided.

Catalogue No.104368Product namen-Hexane EMPLURA®

#### SECTION 13. Disposal considerations

#### Waste treatment methods

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

#### **SECTION 14. Transport information**

| Land transport (ADR/RID)                        |         |  |  |
|---|---------|--|--|
| 14.1 UN number                                  | UN 1208 |  |  |
| 14.2 Proper shipping name                       | HEXANES |  |  |
| 14.3 Class                                      | 3       |  |  |
| 14.4 Packing group                              | II      |  |  |
| 14.5 Environmentally hazardous                  | yes     |  |  |
| 14.6 Special precautions for                    | yes     |  |  |
| user  |         |  |  |
| Tunnel restriction code                         | D/E     |  |  |
| Inland waterway transport (ADN)<br>Not relevant |         |  |  |
|   |         |  |  |
| Air transport (IATA)                            |         |  |  |
| 14.1 UN number                                  | UN 1208 |  |  |
| 14.2 Proper shipping name                       | HEXANES |  |  |
| 14.3 Class                                      | 3       |  |  |
| 14.4 Packing group                              | II      |  |  |
| 14.5 Environmentally hazardous                  | yes     |  |  |
| 14.6 Special precautions for                    | no      |  |  |
| user  |         |  |  |
|   |         |  |  |

Sea transport (IMDG)

| atalogue No.<br>roduct name     | 104368<br>n-Hexane EMPLURA®                     |
|---------------------------------|---|
|                                 |   |
| 14.1 UN number                  | UN 1208   |
| 14.2 Proper shipping name       | HEXANES   |
| 14.3 Class                      | 3   |
| 14.4 Packing group              | II  |
| 14.5 Environmentally hazardou   | J <b>s</b> yes                                  |
| 14.6 Special precautions for    | yes   |
| user                            |   |
| EmS                             | F-E S-D   |
| 14.7 Transport in bulk accordir | ng to Annex II of MARPOL 73/78 and the IBC Code |
| Not relevant                    |   |
| Other regulations               |   |
| Hazchem Code                    | 3YE   |
|                                 |   |

#### SECTION 15. Regulatory information

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

National legislationStorage class3Standard for the UniformS5Scheduling of Medicines andPoisons - Poisons ScheduleNumber:

#### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Catalogue No. 104368 Product name n-Hexane EMPLURA®

#### **SECTION 16. Other information**

| Full text of H-Statements referred to under sections 2 and 3. |   |  |  |
|---|---|--|--|
| 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.  |  |  |
| H361fd  | Suspected of damaging fertility. Suspected of damaging the unborn child.  |  |  |
| H373  | May cause damage to organs through prolonged or repeated  |  |  |
|   | exposure if inhaled.  |  |  |
| H411  | Toxic to aquatic life with long lasting effects.  |  |  |
| Full text of R-phrases referred to under sections 2 and 3     |   |  |  |
|   |   |  |  |
| R11   | Highly flammable.   |  |  |
| R11<br>R38  | Highly flammable.<br>Irritating to skin.  |  |  |
|   |   |  |  |
| R38   | Irritating to skin.   |  |  |
| R38   | Irritating to skin.<br>Harmful: danger of serious damage to health by prolonged   |  |  |
| R38<br>R48/20   | Irritating to skin.<br>Harmful: danger of serious damage to health by prolonged<br>exposure through inhalation.   |  |  |
| R38<br>R48/20<br>R51  | Irritating to skin.<br>Harmful: danger of serious damage to health by prolonged<br>exposure through inhalation.<br>Toxic to aquatic organisms.  |  |  |
| R38<br>R48/20<br>R51  | Irritating to skin.<br>Harmful: danger of serious damage to health by prolonged<br>exposure through inhalation.<br>Toxic to aquatic organisms.<br>Toxic to aquatic organisms, may cause long-term adverse effects   |  |  |
| R38<br>R48/20<br>R51<br>R51/53                                | Irritating to skin.<br>Harmful: danger of serious damage to health by prolonged<br>exposure through inhalation.<br>Toxic to aquatic organisms.<br>Toxic to aquatic organisms, may cause long-term adverse effects<br>in the aquatic environment.  |  |  |
| R38<br>R48/20<br>R51<br>R51/53<br>R53                         | Irritating to skin.<br>Harmful: danger of serious damage to health by prolonged<br>exposure through inhalation.<br>Toxic to aquatic organisms.<br>Toxic to aquatic organisms, may cause long-term adverse effects<br>in the aquatic environment.<br>May cause long-term adverse effects in the aquatic environment. |  |  |

#### Training advice

Provide adequate information, instruction and training for operators.

#### Labelling

Hazard pictograms





Catalogue No. 104368 Product name n-Hexane EMPLURA®

#### 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.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs (Nervous system, Central nervous system) through prolonged or repeated exposure if inhaled.

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

Prevention

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

P240 Ground/bond container and receiving equipment.

P273 Avoid release to the environment.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P314 Get medical advice/ attention if you feel unwell.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

#### Labelling (67/548/EEC or 1999/45/EC)

| Symbol(s)   | <ul> <li>▶</li> <li>F</li> <li>Xn</li> <li>▶</li> <li>N</li> </ul> | Highly flammable<br>Harmful<br>Dangerous for the environment   |
|-------------|--|--|
| R-phrase(s) | 11-38-48/20-62-65-<br>67-51/53                                     | Highly flammable. Irritating to skin. Harmful: danger of<br>serious damage to health by prolonged exposure through<br>inhalation. Possible risk of impaired fertility. Harmful: may<br>cause lung damage if swallowed. Vapours may cause<br>drowsiness and dizziness. Toxic to aquatic organisms, may            |
| S-phrase(s) | 9-16-29-33-36/37-<br>61-62   | cause long-term adverse effects in the aquatic environment.<br>Keep container in a well-ventilated place. Keep away from<br>sources of ignition - No smoking. Do not empty into drains.<br>Take precautionary measures against static discharges.<br>Wear suitable protective clothing and gloves. Avoid release |

| Catalogue No.<br>Product name |                 | 104368<br>n-Hexane EMPLURA®   |
|-------------------------------|-----------------|---|
|                               |                 | to the environment. Refer to special instructions/ Safety data        |
|                               |                 | sheets. If swallowed, do not induce vomiting: seek medical            |
|                               |                 | advice immediately and show this container or label.                  |
| EC-No.                        | 203-777-6       |   |
| Reduced labe                  | lling (≤125 ml) |   |
| Symbol(s)                     | 👲 F             | Highly flammable  |
|                               | Xn              | Harmful   |
|                               | 🐱 N             | Dangerous for the environment   |
| R-phrase(s)                   | 48/20-62-65     | Harmful: danger of serious damage to health by prolonged exposure     |
|                               |                 | through inhalation. Possible risk of impaired fertility. Harmful: may |
|                               |                 | cause lung damage if swallowed.                                       |
| S-phrase(s)                   | 36/37-62        | Wear suitable protective clothing and gloves. If swallowed, do not    |
|                               |                 | induce vomiting: seek medical advice immediately and show this        |
|                               |                 | container or label.   |
|                               |                 |   |

#### Key or legend to abbreviations and acronyms used in the safety data sheet

Used abbreviations and acronyms can be looked up at www.wikipedia.org.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.