

# SAFETY DATA SHEET



2-Ethylhexanoic acid  
10040

Version / Revision  
Supersedes Version

3 .01\*\*\*  
3 .00\*\*\*

Revision Date  
Issuing date

16-Oct-2017  
01-Feb-2018

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

### 1.1. Product identifier

Identification of the  
substance/preparation

# 2-Ethylhexanoic acid

CAS-No 149-57-5  
EC No. 205-743-6  
Registration number (REACH) 01-2119488942-23

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

|                      |  |
|----------------------|--|
| Identified uses      | Intermediate<br>Formulation<br>laboratory chemicals<br>Functional Fluids |
| Uses advised against | Consumer uses<br>To avoid exposure of consumers                          |

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

Product Information Product Stewardship  
FAX: +49 (0)208 693 2053  
email: psq@oxea-chemicals.com

### 1.4. Emergency telephone number

Emergency telephone number +44 (0) 1235 239 671 (UK)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This substance is classified based on Directive 1272/2008/EC and its amendments (CLP Regulation)

Reproductive toxicity Category 2, H361d

#### Additional information

For full text of Hazard- and EU Hazard-statements see SECTION 16.

### 2.2. Label elements

Labelling according to Regulation 1272/2008/EC and its amendments (CLP Regulation).

#### Hazard pictograms

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*



## Signal word

## Warning

### Hazard statements

H361d: Suspected of damaging the unborn child.

### Precautionary statements

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P308 + P313: IF exposed or concerned: Get medical advice/ attention.  
P405: Store locked up.  
P501: Dispose of contents/container in accordance with local regulation.

## 2.3. Other hazards

Components of the product may be absorbed into the body by inhalation, ingestion and through the skin\*\*\*

### PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), nor very persistent nor very bioaccumulating (vPvB)

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

| Component            | CAS-No   | REACH-No         | 1272/2008/EC   | Concentration (%) |
|----------------------|----------|------------------|----------------|-------------------|
| 2-Ethylhexanoic acid | 149-57-5 | 01-2119488942-23 | Repr. 2; H361d | > 99,20           |

For full text of Hazard- and EU Hazard-statements see SECTION 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Keep at rest. Aerate with fresh air. When symptoms persist or in all cases of doubt seek medical advice.

#### Eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

#### Skin

Wash off immediately with soap and plenty of water. When symptoms persist or in all cases of doubt seek medical advice.

#### Ingestion

Call a physician immediately. Do not induce vomiting without medical advice.

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

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*

## Main symptoms

None known.

## Special hazard

Lung irritation, Lung oedema, Kidney disorders, respiratory disorder.

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

### General advice

Remove contaminated, soaked clothing immediately and dispose of safely. First aider needs to protect himself.

Treat symptomatically. If ingested, flush stomach and compensate acidosis.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water spray

#### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

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

Under conditions giving incomplete combustion, hazardous gases produced may consist of:

carbon monoxide (CO)

carbon dioxide (CO<sub>2</sub>)

Combustion gases of organic materials must in principle be graded as inhalation poisons

Vapours are heavier than air and may spread along floors

### 5.3. Advice for firefighters

#### Special protective equipment for firefighters

Fire fighter protection should include a self-contained breathing apparatus (NIOSH-approved or EN 133) and full fire-fighting turn out gear.

#### Precautions for firefighting

Cool containers / tanks with water spray. Dike and collect water used to fight fire. Keep people away from and upwind of fire.

## SECTION 6: Accidental release measures

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

For non-emergency personnel: For personal protective equipment see section 8. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep people away from and upwind of spill/leak. Ensure adequate ventilation, especially in confined areas. Keep away from heat and sources of ignition.

For emergency responders: Personal protection see section 8.

### 6.2. Environmental precautions

Prevent further leakage or spillage. Do not discharge product into the aquatic environment without pretreatment

# SAFETY DATA SHEET



**10040**  
**2-Ethylhexanoic acid**

**Revision Date** 16-Oct-2017  
**Version / Revision** 3 .01\*\*\*

(biological treatment plant).

## 6.3. Methods and material for containment and cleaning up

### Methods for containment

Stop the flow of material, if possible without risk. Dike spilled material, where this is possible.

### Methods for cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Dispose of in accordance with local regulations. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

## 6.4. Reference to other sections

For personal protective equipment see section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Provide sufficient air exchange and/or exhaust in work rooms.

#### Hygiene measures

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product.

#### Advice on the protection of the environment

See Section 8: Environmental exposure controls.

#### Incompatible products

bases  
amines  
strong oxidizing agents

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

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). In case of fire, emergency cooling with water spray should be available. Ground and bond containers when transferring material.

#### Technical measures/Storage conditions

Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care. Recommended storage temperature: =< 38 °C / =< 100 °F.\*\*\*

#### Temperature class

T2

### 7.3. Specific end use(s)

Intermediate  
Formulation  
laboratory chemicals

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*

Functional Fluids

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

#### Exposure limits Egypt

No exposure limits established.

#### Exposure limits Israel

##### Israel OELs

| Component                             | TWA<br>(mg/m <sup>3</sup> )              | TWA<br>(ppm) | STEL<br>(mg/m <sup>3</sup> ) | STEL<br>(ppm) |
|---------------------------------------|--|--------------|------------------------------|---------------|
| 2-Ethylhexanoic acid<br>CAS: 149-57-5 | 5<br>Inhalable fraction<br>and vapor.*** |              |                              |               |

#### Exposure limits South Africa

No exposure limits established.

#### Exposure limits United Arab Emirates

No exposure limits established.

#### Exposure limits Kuwait

No exposure limits established.

##### Note

For details and further information please refer to the original regulation.

## Occupational Exposure Controls

### 8.2. Exposure controls

#### **Appropriate Engineering controls**

General or dilution ventilation is frequently insufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Explosion-proof equipment (for example fans, switches, and grounded ducts) should be used in mechanical ventilation systems.

#### Personal protective equipment

##### **General industrial hygiene practice**

Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Ensure that eyewash stations and safety showers are close to the workstation location.

##### **Hygiene measures**

# SAFETY DATA SHEET



**10040**  
**2-Ethylhexanoic acid**

**Revision Date** 16-Oct-2017  
**Version / Revision** 3 .01\*\*\*

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product.

## Eye protection

Tightly fitting safety goggles. In addition to goggles, wear a face shield if there is a reasonable chance for splash to the face.

## Hand protection

Wear protective gloves. Recommendations are listed below. Other protective material may be used, depending on the situation, if adequate degradation and permeation data is available. If other chemicals are used in conjunction with this chemical, material selection should be based on protection for all chemicals present.

|                           |   |
|---------------------------|---|
| <b>Suitable material</b>  | nitrile rubber                                |
| <b>Evaluation</b>         | according to EN 374: level 6                  |
| <b>Glove thickness</b>    | approx 0,55 mm                                |
| <b>Break through time</b> | > 480 min                                     |
| <b>Suitable material</b>  | polyvinylchloride                             |
| <b>Evaluation</b>         | Information derived from practical experience |
| <b>Glove thickness</b>    | approx 0.8 mm                                 |

## Skin and body protection

Impervious clothing. Wear face-shield and protective suit for abnormal processing problems.

## Respiratory protection

Respirator with filter for organic vapour. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Equipment should conform to NIOSH, EN or other applicable national standards.

## Environmental exposure controls

Use product only in closed system. If leakage can not be prevented, the substance needs to be suck off at the emersion point, if possible without danger. Observe the exposure limits, clean exhaust air if needed. If recycling is not practicable, dispose of in compliance with local regulations. Inform the responsible authorities in case of leakage into the atmosphere, or of entry into waterways, soil or drains.

## SECTION 9: Physical and chemical properties

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

|                                  |  |
|----------------------------------|--|
| <b>Appearance</b>                | liquid   |
| <b>Colour</b>                    | colourless   |
| <b>Odour</b>                     | mild   |
| <b>Odour threshold</b>           | No data available                                  |
| <b>pH</b>                        | 3,75 (1 g/l in water @ 25 °C (77 °F)) DIN 19268*** |
| <b>Melting point/range</b>       | -83 °C (Pour point)                                |
| <b>Boiling point/range</b>       | 228 °C @ 1013 hPa                                  |
| <b>Flash point</b>               | 116 °C @ 1013 hPa***                               |
| <b>Method</b>                    | closed cup   |
| <b>Evaporation rate</b>          | No data available                                  |
| <b>Flammability (solid, gas)</b> | Does not apply, the substance is a liquid          |
| <b>Lower explosion limit</b>     | 0,8 Vol %  |
| <b>Upper explosion limit</b>     | 6,7 Vol %  |

## Vapour pressure

| Values [hPa] | Values [kPa] | Values [atm] | @ °C | @ °F | Method |
|--------------|--------------|--------------|------|------|--------|
| 0,04         | 0,004        | < 0,001      | 20   | 68   |        |

# SAFETY DATA SHEET



**10040**  
**2-Ethylhexanoic acid**

**Revision Date** 16-Oct-2017  
**Version / Revision** 3 .01\*\*\*

|                                  |   |      |       |           |     |
|----------------------------------|---|------|-------|-----------|-----|
| <b>Vapour density</b>            | 4,3   | 0,43 | 0,004 | 50        | 122 |
|                                  | 5,0 (Air = 1) @ 20 °C (68 °F)   |      |       |           |     |
| <b>Relative density</b>          |   |      |       |           |     |
| Values                           |   | @ °C | @ °F  | Method    |     |
| 0,9067                           |   | 20   | 68    | DIN 51757 |     |
| <b>Solubility</b>                | 1,4 g/l @ 20 °C, in water   |      |       |           |     |
| <b>log Pow</b>                   | 2,7 (measured), OECD 107  |      |       |           |     |
| <b>Autoignition temperature</b>  | 310 °C  |      |       |           |     |
| Method                           | DIN 51794   |      |       |           |     |
| <b>Decomposition temperature</b> | No data available   |      |       |           |     |
| <b>Viscosity</b>                 | 8 mPa*s @ 20 °C   |      |       |           |     |
| Method                           | dynamic, ASTM D445***   |      |       |           |     |
| <b>Oxidizing properties</b>      | Does not apply, substance is not oxidising. There are no chemical groups associated with oxidizing properties |      |       |           |     |
| <b>Explosive properties</b>      | Does not apply, substance is not explosive. There are no chemical groups associated with explosive properties |      |       |           |     |

## 9.2. Other information

|                          |               |
|--------------------------|---------------|
| <b>Molecular weight</b>  | 144,21        |
| <b>Molecular formula</b> | C8 H16 O2     |
| <b>Refractive index</b>  | 1,425 @ 20 °C |

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

The reactivity of the product corresponds to the typical reactivity shown by the substance group as described in any text book on organic chemistry.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### 10.4. Conditions to avoid

Avoid contact with heat, sparks, open flame and static discharge. Avoid any source of ignition.

### 10.5. Incompatible materials

bases, amines, strong oxidizing agents.

### 10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*

Likely routes of exposure Ingestion, Inhalation, Eye contact, Skin contact

| Acute toxicity                  |          |                 |                  |          |
|---------------------------------|----------|-----------------|------------------|----------|
| 2-Ethylhexanoic acid (149-57-5) |          |                 |                  |          |
| Routes of Exposure              | Endpoint | Values          | Species          | Method   |
| Oral                            | LD50     | 2043 mg/kg      | rat, female      | OECD 401 |
| Dermal                          | LD50     | > 2000 mg/kg    | rat, male/female | OECD 402 |
| Inhalative                      | LC0      | 0,11 mg/l (8 h) | rat              | OECD 403 |

## 2-Ethylhexanoic acid, CAS: 149-57-5

### Assessment

Based on available data, the classification criteria are not met for:

- Acute oral toxicity
- Acute dermal toxicity
- Acute inhalation toxicity

| Irritation and corrosion        |         |                      |          |     |
|---------------------------------|---------|----------------------|----------|-----|
| 2-Ethylhexanoic acid (149-57-5) |         |                      |          |     |
| Target Organ Effects            | Species | Result               | Method   |     |
| Skin                            | rabbit  | Mild skin irritation | OECD 404 |     |
| Eyes                            | rabbit  | No eye irritation*** | OECD 405 | 24h |

## 2-Ethylhexanoic acid, CAS: 149-57-5

### Assessment

Based on available data, the classification criteria are not met for:

- skin irritation/corrosion
- eye irritation/corrosion
- For respiratory irritation, no data are available

| Sensitization                   |            |                 |          |  |
|---------------------------------|------------|-----------------|----------|--|
| 2-Ethylhexanoic acid (149-57-5) |            |                 |          |  |
| Target Organ Effects            | Species    | Evaluation      | Method   |  |
| Skin                            | guinea pig | not sensitizing | OECD 406 |  |

## 2-Ethylhexanoic acid, CAS: 149-57-5

### Assessment

Based on available data, the classification criteria are not met for:

- Skin sensitization
- For respiratory sensitization, no data are available

| Subacute, subchronic and prolonged toxicity |                            |                    |                  |      |
|---|----------------------------|--------------------|------------------|------|
| 2-Ethylhexanoic acid (149-57-5)             |                            |                    |                  |      |
| Type  | Dose                       | Species            | Method           |      |
| Subchronic toxicity                         | NOAEL: ~ 200 mg/kg/d (90d) | mouse, male/female | EPA OTS 795.2600 | Oral |
| Subchronic toxicity                         | NOAEL: ~300 mg/kg/d (90d)  | rat, male/female   | EPA OTS 795.2600 | Oral |

## 2-Ethylhexanoic acid, CAS: 149-57-5

### Assessment

Based on available data, the classification criteria are not met for:

- STOT RE



# SAFETY DATA SHEET



**10040**  
**2-Ethylhexanoic acid**

**Revision Date** 16-Oct-2017  
**Version / Revision** 3 .01\*\*\*

| <b>Carcinogenicity, Mutagenicity, Reproductive toxicity</b> |                      |                                   |            |                                    |                           |
|---|----------------------|-----------------------------------|------------|------------------------------------|---------------------------|
| <b>2-Ethylhexanoic acid (149-57-5)</b>                      |                      |                                   |            |                                    |                           |
| Type  | Dose                 | Species                           | Evaluation | Method                             |                           |
| Developmental Toxicity                                      | NOAEL 25 mg/kg/d***  | rabbit                            |            | EPA OTS 798.4900                   | Maternal toxicity         |
| Developmental Toxicity                                      | NOAEL 250 mg/kg/d*** | rabbit                            |            | EPA OTS 798.4900                   | Developmental toxicity    |
| Developmental Toxicity                                      | NOAEL 250 mg/kg/d*** | rat                               |            | EPA OTS 798.4900                   | Maternal toxicity         |
| Developmental Toxicity                                      | NOAEL 100 mg/kg/d*** | rat                               |            | EPA OTS 798.4900                   | Developmental toxicity    |
| Reproductive toxicity                                       | NOAEL 250 mg/kg/d    | rat, parental                     |            | Oral OECD 443***                   |                           |
| Reproductive toxicity                                       | NOAEL 800 mg/kg/d    | rat, 1. Generation, male/female   |            | Oral OECD 443***                   |                           |
| Mutagenicity  |                      | CHO (Chinese Hamster Ovary) cells | negative   | OECD 476 (Mammalian Gene Mutation) | In vitro study            |
| Mutagenicity  |                      | mouse lymphoma cells              | negative   | OECD 476 (Mammalian Gene Mutation) |                           |
| Mutagenicity  |                      | Salmonella typhimurium            | negative   | OECD 471 (Ames)                    | In vitro study            |
| Mutagenicity  |                      | rat lymphocytes                   | negative   | OECD 473 (Chromosomal Aberration)  | In vitro study            |
| Mutagenicity  |                      | mouse male/female***              | negative   | OECD 474***                        | Oral micronucleus test*** |

## **2-Ethylhexanoic acid, CAS: 149-57-5**

### **CMR Classification**

The available data on CMR properties are summarized in the table above. They do not indicate a classification into categories 1A or 1B

Directive 1272/2008/EC, Annex VI: Repr. 2

### **Evaluation**

In vitro tests showed mutagenic effects

Did not show carcinogenic effects in animal experiments

No indication for a carcinogenic potential\*\*\*

## **2-Ethylhexanoic acid, CAS: 149-57-5**

### **Target Organ Systemic Toxicant - Single exposure**

Based on available data, the classification criteria are not met for:

STOT SE

### **Target Organ Systemic Toxicant - Repeated exposure**

Based on available data, the classification criteria are not met for:

STOT RE

### **Aspiration toxicity**

no data available\*\*\*

### **Other adverse effects**

Components of the product may be absorbed into the body by inhalation, ingestion and through the skin.\*\*\*

### **Note**

Handle in accordance with good industrial hygiene and safety practice. Further details on substance data can be

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*

found in the registration dossier under the following link:  
<http://echa.europa.eu/information-on-chemicals/registered-substances>.

## SECTION 12: Ecological information

### 12.1. Toxicity

| Acute aquatic toxicity          |               |                                      |                   |
|---------------------------------|---------------|--------------------------------------|-------------------|
| 2-Ethylhexanoic acid (149-57-5) |               |                                      |                   |
| Species                         | Exposure time | Dose                                 | Method            |
| Oryzias latipes (Medaka)        | 96h           | LC50: > 100 mg/l                     | OECD 203          |
| Daphnia magna (Water flea)      | 48h           | EC50: 85,4 mg/l                      | 79/831/EEC.C2     |
| Desmodesmus subspicatus         | 72h           | EC50: 49,3 mg/l                      | DIN 38412, part 9 |
| Pseudomonas putida              | 17 h          | EC50: 112,1 mg/l (Growth inhibition) | DIN 38412, part 8 |

| Long term toxicity              |                            |                        |                       |  |
|---------------------------------|----------------------------|------------------------|-----------------------|--|
| 2-Ethylhexanoic acid (149-57-5) |                            |                        |                       |  |
| Type                            | Species                    | Dose                   | Method                |  |
| Reproductive toxicity           | Daphnia magna (Water flea) | NOEC: 25 mg/l***       | OECD 211              |  |
| Aquatic toxicity***             | Desmodesmus subspicatus*** | EC10: 32 mg/l (3 h)*** | DIN 38412 / part 9*** |  |

### 12.2. Persistence and degradability

#### 2-Ethylhexanoic acid, CAS: 149-57-5

##### Biodegradation

99 % (28\*\*\* d), Sewage, domestic, aerobic, OECD 301 E.

| Abiotic Degradation             |                             |               |
|---------------------------------|-----------------------------|---------------|
| 2-Ethylhexanoic acid (149-57-5) |                             |               |
| Type                            | Result                      | Method        |
| Photolysis***                   | Half-life (DT50): 47,1 h*** | calculated*** |
| Hydrolysis***                   | not expected***             |               |

### 12.3. Bioaccumulative potential

| 2-Ethylhexanoic acid (149-57-5) |        |                    |
|---------------------------------|--------|--------------------|
| Type                            | Result | Method             |
| log Pow                         | 2,7    | measured, OECD 107 |

### 12.4. Mobility in soil

#### 2-Ethylhexanoic acid, CAS: 149-57-5

No data available\*\*\*

| 2-Ethylhexanoic acid (149-57-5) |                                  |             |
|---------------------------------|----------------------------------|-------------|
| Type                            | Result                           | Method      |
| Adsorption/Desorption***        | Koc: 140,87 @ 20 °C***           | OECD 106*** |
| Surface tension***              | Surface activity not expected*** |             |

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*

|   |   |  |
|---|---|--|
| Distribution to environmental compartments*** | Air: 0,93 Soil: 3,64 Water: 91,7<br>Sediment: 3,68*** |  |
|---|---|--|

## 12.5. Results of PBT and vPvB assessment

### 2-Ethylhexanoic acid, CAS: 149-57-5

#### PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), nor very persistent nor very bioaccumulating (vPvB)\*\*\*

## 12.6. Other adverse effects

### 2-Ethylhexanoic acid, CAS: 149-57-5

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Product Information

Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.

Hazardous waste according to European Waste Catalogue (EWC)

#### Uncleaned empty packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

## SECTION 14: Transport information

### Section 14.1 - 14.6

#### ADR/RID

Not restricted

#### ADN

ADN Container  
Not restricted

#### ADN

ADN Tanker

#### 14.1. UN number

ID 9006

#### 14.2. UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s.

#### 14.3. Transport hazard class(es)

9

Subsidiary Risk

N3, F

#### 14.4. Packing group

-

#### 14.5. Environmental hazards

Fish and tree

#### 14.6. Special precautions for user

no data available

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date  
Version / Revision

16-Oct-2017  
3 .01\*\*\*

## ICAO-TI / IATA-DGR

Not restricted

## IMDG

Not restricted

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

|                    |                      |
|--------------------|----------------------|
| Product name       | 2-Ethylhexanoic acid |
| Ship type          | 3                    |
| Pollution category | Y                    |

## **SECTION 15: Regulatory information**

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

#### Regulation 1272/2008, Annex VI

#### 2-Ethylhexanoic acid, CAS: 149-57-5

|                   |                     |
|-------------------|---------------------|
| Classification    | Repr. 2; H361d      |
| Hazard pictograms | GHS08 Health hazard |
| Signal word       | Warning             |
| Hazard statements | H361d               |

#### International Inventories

#### 2-Ethylhexanoic acid, CAS: 149-57-5

AICS (AU)\*\*\*  
DSL (CA)\*\*\*  
IECSC (CN)\*\*\*  
EC-No. 2057436 (EU)\*\*\*  
ENCs (2)-608 (JP)\*\*\*  
ISHL (2)-608 (JP)\*\*\*  
KECI KE-13740 (KR)\*\*\*  
INSQ (MX)\*\*\*  
PICCS (PH)\*\*\*  
TSCA (US)\*\*\*  
NZIoC (NZ)\*\*\*  
TCSI (TW)\*\*\*

### National regulatory information Egypt

**Banned Chemicals (Unified List of Hazardous Substances, List A)**  
not listed

**Substances Requiring Permits (Unified List of Hazardous Substances, List B)**  
not listed

**Non-Restricted Substances (Unified List of Hazardous Substances, List C)**  
not listed

# SAFETY DATA SHEET



10040  
2-Ethylhexanoic acid

Revision Date 16-Oct-2017  
Version / Revision 3 .01\*\*\*

## National regulatory information Israel

**Harmful Chemicals (Hazardous Substances Law, 5753-1993, Annex 1)**  
not listed

**Toxic Chemicals (Hazardous Substances Law, 5753-1993, Annex 2)**  
not listed

**Hazardous materials requiring annual testing (Labor Inspection Regs., Appendix 1)**  
not listed

**Hazardous Substances Regulations (Classification & Exemptions)**  
not listed

## National regulatory information South Africa

**Group 1 Hazardous Substances (G.N.R 452)**  
not listed

## National regulatory information United Arab Emirates

**Prohibited and restricted imports (Ministry of Environment and Water)**  
not listed

For details and further information please refer to the original regulation.

## **SECTION 16: Other information**

### **Full text of H-Statements referred to under sections 2 and 3**

H361d: Suspected of damaging the unborn child.

### **Abbreviations**

A table of terms and abbreviations can be found under the following link:

[http://echa.europa.eu/documents/10162/13632/information\\_requirements\\_r20\\_en.pdf](http://echa.europa.eu/documents/10162/13632/information_requirements_r20_en.pdf)

### **Training advice**

For effective first-aid, special training / education is needed.

### **Sources of key data used to compile the datasheet**

Information contained in this safety data sheet is based on Oxea owned data and public sources deemed valid or acceptable. The absence of data elements required by OSHA, ANSI or Annex II, Regulation 1907/2006/EC indicates, that no data meeting these requirements is available.

### **Further information for the safety data sheet**

Changes against the previous version are marked by \*\*\*. Observe national and local legal requirements. For more information, other material safety data sheets or technical data sheets please consult the Oxea homepage ([www.oxea-chemicals.com](http://www.oxea-chemicals.com)).

### **Disclaimer**

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# SAFETY DATA SHEET



**10040**  
**2-Ethylhexanoic acid**

**Revision Date** 16-Oct-2017  
**Version / Revision** 3 .01\*\*\*

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**End of Safety Data Sheet**