



# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Reference number: 21612  
Issue date: 01/11/2023 Revision date: 01/11/2023 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Liquimatic No. 1 (ISO 10)  
Product code : 7595  
Type of product : Hydraulic oil  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

| Title   | Life cycle stage         | Use descriptors                            |
|---|--------------------------|--|
| General industrial use of lubricants and greases in vehicles or machinery. Includes filling and draining of containers and enclosed machinery (including engines) | Industrial, Professional | SU3, PC17, PC24, PROC1, PROC8b, ERC4, ERC7 |

Full text of use descriptors: see section 16

##### 1.2.2. Uses advised against

No additional information available

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

##### Manufacturer

Morris Lubricants  
Castle Foregate  
SY1 2EL Shrewsbury – Shropshire  
United Kingdom  
T +44 (0) 1743 232200  
[sds@morris-lubricants.co.uk](mailto:sds@morris-lubricants.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1743 232200  
08.45 - 17.00 GMT

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aspiration hazard, Category 1 H304

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                |  |
|--------------------------------|--|
| Signal word (CLP)              | : Danger   |
| Contains                       | : Lubricating Oil (Petroleum) C15-30 hydrotreated neutral oil-based  |
| Hazard statements (CLP)        | : H304 - May be fatal if swallowed and enters airways.   |
| Precautionary statements (CLP) | : P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTRE.<br>P331 - Do NOT induce vomiting.<br>P405 - Store locked up.<br>P501 - Dispose of contents and container to a hazardous or special waste collection point. |
| EUH-statements                 | : EUH208 - Contains N,N-bis(2-ETHYLHEXYL)-((1,2,4-TRIAZOL-1-YL)METHYL)AMINE, (4-nonylphenoxy)acetic acid. May produce an allergic reaction.  |

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier   | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|------------------|---|
| Lubricating Oil (Petroleum) C15-30 hydrotreated neutral oil-based  | CAS-No.: 72623-86-0<br>EC-No.: 276-737-9<br>EC Index-No.: 649-482-00-X<br>REACH-no: 01-2119474878-16                     | $\geq 70 - < 90$ | Asp. Tox. 1, H304   |
| Distillates,hydrotreated heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)                                       | CAS-No.: 64742-54-7<br>EC-No.: 265-157-1<br>EC Index-No.: 649-467-00-8<br>REACH-no: 01-2119484627-25, UK-01-1759217276-5 | $\geq 10 - < 30$ | Not classified  |
| distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)   | CAS-No.: 64742-54-7<br>EC-No.: 265-157-1<br>EC Index-No.: 649-467-00-8<br>REACH-no: 01-2119484627-25, UK-01-1759217276-5 | $< 0.1$          | Asp. Tox. 1, H304   |
| distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH) | CAS-No.: 64742-56-9<br>EC-No.: 265-159-2<br>EC Index-No.: 649-469-00-9<br>REACH-no: 01-2119480132-48                     | $< 0.1$          | Not classified  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)                       | CAS-No.: 64742-65-0<br>EC-No.: 265-169-7<br>EC Index-No.: 649-474-00-6<br>REACH-no: 01-2119471299-27, UK-01-0119695008-1 | $< 0.1$          | Asp. Tox. 1, H304   |
| Distillates (petroleum), hydrotreated light paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)                          | CAS-No.: 64742-55-8<br>EC-No.: 265-158-7<br>EC Index-No.: 649-468-00-3<br>REACH-no: 01-2119487077-29                     | $< 0.1$          | Asp. Tox. 1, H304   |

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Name   | Product identifier   | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|-------|--|
| N,N-bis(2-ETHYLHEXYL)-((1,2,4-TRIAZOL-1-YL)METHYL)AMINE  | CAS-No.: 91273-04-0<br>EC-No.: 401-280-0<br>EC Index-No.: 613-072-00-9<br>REACH-no: 01-0000015116-78, UK-01-1625361544-3 | < 0.1 | Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Chronic 1, H410   |
| (4-nonylphenoxy)acetic acid  | CAS-No.: 3115-49-9<br>EC-No.: 221-486-2<br>REACH-no: 01-2119982392-31  | < 0.1 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics<br>substance with national workplace exposure limit(s) (NO) | CAS-No.: 64742-46-7<br>EC-No.: 265-148-2<br>EC Index-No.: 649-221-00-X<br>REACH-no: 01-2119826592-36                     | < 0.1 | Asp. Tox. 1, H304  |

Comments

: A petroleum product. DMSO extract < 3 % weight (IP 346)

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If you feel unwell, seek medical advice.   |
| First-aid measures after inhalation   | : Move the affected person away from the contaminated area and into the fresh air. If you feel unwell, seek medical advice.  |
| First-aid measures after skin contact | : Take off contaminated clothing and wash it before reuse. Gently wash with plenty of soap and water.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Get medical advice/attention if you feel unwell. Do NOT induce vomiting. Aspiration of this material may cause chemical pneumonia.   |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects                    | : Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.          |
| Symptoms/effects after inhalation   | : None under normal use. Inhalation may cause irritation (cough, short breathing, difficulty in breathing). |
| Symptoms/effects after skin contact | : Repeated exposure may cause skin dryness or cracking.   |
| Symptoms/effects after eye contact  | : May cause slight irritation.  |
| Symptoms/effects after ingestion    | : Aspiration of this material may cause chemical pneumonia.   |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Dry chemical, CO <sub>2</sub> , dry sand, or alcohol-resistant foam. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                                     |

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
- Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

### 5.3. Advice for firefighters

- Precautionary measures fire : Keep container closed when not in use.
- Firefighting instructions : Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Evacuate unnecessary personnel. Caution : this product can cause the floor to be very slippery.

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if liquid enters sewers or public waters.

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

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Clear up rapidly by scoop or vacuum. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Notify authorities if product enters sewers or public waters. This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Do not eat, drink or smoke when using this product.
- Hygiene measures : Wear personal protective equipment. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

- Technical measures : Store in a well-ventilated place. Keep container tightly closed.
- Storage conditions : Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep container closed when not in use. Store in a dry place.
- Incompatible products : Oxidizing agent. Strong acids. Strong bases.
- Storage area : Store in a well-ventilated place.
- Special rules on packaging : Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

###### distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified (64742-54-7)

###### United Kingdom - Occupational Exposure Limits

|                       |                     |
|-----------------------|---------------------|
| WEL TWA (OEL TWA) [1] | 5 mg/m <sup>3</sup> |
| Regulatory reference  | EU OEL              |

###### distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)

###### United Kingdom - Occupational Exposure Limits

|                       |                     |
|-----------------------|---------------------|
| WEL TWA (OEL TWA) [1] | 5 mg/m <sup>3</sup> |
| Regulatory reference  | EU OEL              |

###### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

###### United Kingdom - Occupational Exposure Limits

|                       |                     |
|-----------------------|---------------------|
| WEL TWA (OEL TWA) [1] | 5 mg/m <sup>3</sup> |
| Regulatory reference  | EU OEL              |

###### Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)

###### United Kingdom - Occupational Exposure Limits

|                       |                     |
|-----------------------|---------------------|
| WEL TWA (OEL TWA) [1] | 5 mg/m <sup>3</sup> |
| Regulatory reference  | EU OEL              |

###### Distillates,hydrotreated heavy paraffinic (64742-54-7)

###### United Kingdom - Occupational Exposure Limits

|                       |                     |
|-----------------------|---------------------|
| WEL TWA (OEL TWA) [1] | 5 mg/m <sup>3</sup> |
| Regulatory reference  | EU OEL              |

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:**

Chemical goggles or face shield

#### 8.2.2.2. Skin protection

**Skin and body protection:**

Wear protective clothing

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

No respiratory protection needed under normal use conditions

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

|   |  |
|---|--|
| Physical state                                  | : Liquid   |
| Colour  | : Straw.   |
| Appearance                                      | : Liquid.  |
| Odour   | : mild.  |
| Odour threshold                                 | : Not available  |
| Melting point                                   | : Not available  |
| Freezing point                                  | : Not available  |
| Boiling point                                   | : > 320 °C   |
| Flammability                                    | : Not flammable, Heating may cause a fire.                         |
| Lower explosion limit                           | : Not available  |
| Upper explosion limit                           | : Not available  |
| Flash point                                     | : 165 °C PMCC  |
| Auto-ignition temperature                       | : Not available  |
| Decomposition temperature                       | : Not available  |
| pH  | : Not available  |
| Viscosity, kinematic @ 40°C                     | : 9.397 mm²/s  |
| Solubility                                      | : Material nearly insoluble in water. Soluble in organic solvents. |
| Partition coefficient n-octanol/water (Log Kow) | : ≈ 7 Not determined. Typical for mineral oil                      |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : 0.841  |
| Relative vapour density at 20°C                 | : Not available  |
| Particle characteristics                        | : Not applicable   |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

Additional information : The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOCs may be present.

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

Extremely high or low temperatures. Moisture.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

##### N,N-bis(2-ETHYLHEXYL)-((1,2,4-TRIAZOL-1-YL)METHYL)AMINE (91273-04-0)

|                 |   |
|-----------------|---|
| LD50 oral rat   | > 2000 mg/kg ECHA                                       |
| LD50 oral       | 2356 mg/kg bodyweight Animal: other:, Guideline: other: |
| LD50 dermal rat | > 2000 mg/kg BASF                                       |

##### distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified (64742-54-7)

|                    |                              |
|--------------------|------------------------------|
| LD50 oral rat      | ≥ 15000 mg/kg Source: IUCLID |
| LD50 dermal rabbit | ≥ 5000 mg/kg Source: IUCLID  |

##### distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)

|                    |                   |
|--------------------|-------------------|
| LD50 oral rat      | ≥ 5000 mg/kg ECHA |
| LD50 dermal rabbit | ≥ 2000 mg/kg EHCA |

##### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

|                    |                     |
|--------------------|---------------------|
| LD50 oral rat      | ≥ 5000 mg/kg IUCLID |
| LD50 dermal rabbit | ≥ 2000 mg/kg IUCLID |

##### Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-46-7)

|                    |   |
|--------------------|---|
| LD50 oral rat      | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)      |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

##### Distillates,hydrotreated heavy paraffinic (64742-54-7)

|               |                      |
|---------------|----------------------|
| LD50 oral rat | > 15000 mg/kg IUCLID |
|---------------|----------------------|

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Distillates,hydrotreated heavy paraffinic (64742-54-7)

|                                   |  |
|-----------------------------------|--|
| LD50 dermal rabbit                | > 5000 mg/kg IUCLID  |
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met)  |
| Additional information            | : Repeated exposure may cause skin dryness or cracking.  |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met)  |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met)  |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)  |
| Carcinogenicity                   | : Not classified   |
| Additional information            | : This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP346 test |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met)  |

### N,N-bis(2-ETHYLHEXYL)-((1,2,4-TRIAZOL-1-YL)METHYL)AMINE (91273-04-0)

|                         |  |
|-------------------------|--|
| NOAEL (animal/male, F1) | 100 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test) |
| STOT-single exposure    | : Not classified (Based on available data, the classification criteria are not met)  |

### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

|                                    |   |
|------------------------------------|---|
| NOAEL (acute, oral, animal/female) | > mg/kg bodyweight  |
| STOT-repeated exposure             | : Not classified (Based on available data, the classification criteria are not met) |

### (4-nonylphenoxy)acetic acid (3115-49-9)

|                            |  |
|----------------------------|--|
| NOAEL (oral, rat, 90 days) | 60 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
|----------------------------|--|

### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

|                                     |   |
|-------------------------------------|---|
| LOAEL (oral, rat, 90 days)          | 125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)                    |

Aspiration hazard : May be fatal if swallowed and enters airways.

### Liquimatic No. 1 (ISO 10)

|                             |             |
|-----------------------------|-------------|
| Viscosity, kinematic @ 40°C | 9.397 mm²/s |
|-----------------------------|-------------|

### Lubricating Oil (Petroleum) C15-30 hydrotreated neutral oil-based (72623-86-0)

|                             |                |
|-----------------------------|----------------|
| Viscosity, kinematic @ 40°C | 7.5 mm²/s @40C |
|-----------------------------|----------------|

### Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-46-7)

|                             |          |
|-----------------------------|----------|
| Viscosity, kinematic @ 40°C | 19 mm²/s |
|-----------------------------|----------|

### Distillates,hydrotreated heavy paraffinic (64742-54-7)

|                             |          |
|-----------------------------|----------|
| Viscosity, kinematic @ 40°C | 40 mm²/s |
|-----------------------------|----------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Not rapidly degradable

Additional information : Based on available data, the classification criteria are not met.

| <b>N,N-bis(2-ETHYLHEXYL)-((1,2,4-TRIAZOL-1-YL)METHYL)AMINE (91273-04-0)</b> |  |
|---|--|
| LC50 - Fish [1]   | 1.1 mg/l (BASF)  |
| EC50 - Crustacea [1]  | 9.3 mg/l (BASF)  |
| EC50 72h - Algae [1]  | 0.66 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| EC50 72h - Algae [2]  | > 0.96 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| ErC50 algae   | > 0.96 mg/l (BASF)   |
| NOEC chronic fish   | > 100 mg/l Test organisms (species): Duration: '28 d'  |

| <b>(4-nonylphenoxy)acetic acid (3115-49-9)</b> |  |
|--|--|
| LC50 - Fish [1]                                | 9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)  |
| EC50 - Crustacea [1]                           | 0.88 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]                           | 27.21 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2]                           | 18.37 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

| <b>distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified (64742-54-7)</b> |                    |
|---|--------------------|
| LC50 - Fish [1]   | > 5000 mg/l        |
| EC50 - Crustacea [1]  | > 1000 mg/l IUCLID |
| EC50 96h - Algae [1]  | > 1000 mg/l IUCLID |

| <b>Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)</b> |                    |
|---|--------------------|
| LC50 - Fish [1]   | ≥ 5000 mg/l        |
| EC50 - Crustacea [1]  | ≥ 1000 mg/l IUCLID |
| EC50 96h - Algae [1]  | ≥ 1000 mg/l IUCLID |

| <b>Distillates,hydrotreated heavy paraffinic (64742-54-7)</b> |                      |
|---|----------------------|
| LC50 - Fish [1]   | > 5000 mg/l          |
| EC50 - Crustacea [1]  | > 1000 mg/l (IUCLID) |
| EC50 96h - Algae [1]  | > 1000 mg/l (IUCLID) |

## 12.2. Persistence and degradability

| <b>Liquimatic No. 1 (ISO 10)</b> |                  |
|----------------------------------|------------------|
| Persistence and degradability    | Not established. |

## 12.3. Bioaccumulative potential

| <b>Liquimatic No. 1 (ISO 10)</b>  |   |
|---|---|
| Partition coefficient n-octanol/water (Log Kow)   | ≈ 7 Not determined. Typical for mineral oil |
| <b>distillates (petroleum), hydrotreated heavy paraffinic; baseoil - unspecified (64742-54-7)</b>   |   |
| Partition coefficient n-octanol/water (Log Pow)   | 3.9 – 6 Source: IUCLID                      |
| <b>distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified (64742-56-9)</b> |   |
| Partition coefficient n-octanol/water (Log Pow)   | 3.9 – 6 IUCLID                              |

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

|   |                |
|---|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 IUCLID |
|---|----------------|

### Distillates,hydrotreated heavy paraffinic (64742-54-7)

|   |                  |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 (IUCLID) |
|---|------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| Product/Packaging disposal recommendations | : Dispose of contents/container to a hazardous or special waste collection point.   |
| European List of Waste (LoW) code          | : 13 01 10* - mineral based non-chlorinated hydraulic oils  |
| HP Code                                    | : HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration. |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|         |   |
|---------|---|
| CAS-No. | Chemical Abstract Service number  |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008         |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE     | Acute Toxicity Estimate   |
| BOD     | Biochemical oxygen demand (BOD)   |

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Abbreviations and acronyms:

|        |   |
|--------|---|
| COD    | Chemical oxygen demand (COD)  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| ED     | Endocrine disrupting properties   |
| IARC   | International Agency for Research on Cancer   |
| LC50   | Median lethal concentration   |
| LD50   | Median lethal dose  |
| OEL    | Occupational Exposure Limit   |
| PBT    | Persistent Bioaccumulative Toxic  |
| PNEC   | Predicted No-Effect Concentration   |
| REACH  | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| SDS    | Safety Data Sheet   |
| STP    | Sewage treatment plant  |
| VOC    | Volatile Organic Compounds  |
| WGK    | Water Hazard Class  |
| vPvB   | Very Persistent and Very Bioaccumulative  |

|                 |  |
|-----------------|--|
| Data sources    | : ECHA (European Chemicals Agency). REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Supplier's safety documents. |
| Training advice | : Normal use of this product shall imply use in accordance with the instructions on the packaging.   |

### Full text of H- and EUH-statements:

|                     |  |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1     | Hazardous to the aquatic environment – Acute Hazard, Category 1  |
| Aquatic Chronic 1   | Hazardous to the aquatic environment – Chronic Hazard, Category 1  |
| Asp. Tox. 1         | Aspiration hazard, Category 1  |
| EUH208              | Contains N,N-bis(2-ETHYLHEXYL)-((1,2,4-TRIAZOL-1-YL)METHYL)AMINE, (4-nonylphenoxy)acetic acid. May produce an allergic reaction. |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1  |
| H302                | Harmful if swallowed.  |
| H304                | May be fatal if swallowed and enters airways.  |
| H314                | Causes severe skin burns and eye damage.   |
| H317                | May cause an allergic skin reaction.   |
| H318                | Causes serious eye damage.   |
| H400                | Very toxic to aquatic life.  |
| H410                | Very toxic to aquatic life with long lasting effects.  |
| Skin Corr. 1B       | Skin corrosion/irritation, Category 1, Sub-Category 1B   |
| Skin Sens. 1A       | Skin sensitisation, category 1A  |

# Liquimatic No. 1 (ISO 10)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of use descriptors |  |
|------------------------------|--|
| ERC4                         | Use of non-reactive processing aid at industrial site (no inclusion into or onto article)  |
| ERC7                         | Use of functional fluid at industrial site   |
| PC17                         | Hydraulic Fluids   |
| PC24                         | Lubricants, greases, release products  |
| PROC1                        | Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions |
| PROC8b                       | Transfer of substance or mixture (charging and discharging) at dedicated facilities  |
| SU3                          | Industrial uses: Uses of substances as such or in preparations at industrial sites   |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.