



# Eurol Bediga 20W-50

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 24-2-2014 Revision date: 4-5-2023 Supersedes: 27-10-2022 Version: 3.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Eurol Bediga 20W-50  
Product code : E100045  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Industrial use, professional use, Consumer use  
Use of the substance/mixture : Lubricant  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

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

Eurol B.V.  
Energiestraat 12  
NL-7442 DA Nijverdal  
The Netherlands  
Tel: +31 548 615 165  
[reach@eurol.com](mailto:reach@eurol.com) - [www.eurol.com](http://www.eurol.com)

#### 1.4. Emergency telephone number

Emergency number : For Transport Emergency Call +31 6 26 71 27 43 (24hr/day 7days/week)

| Country        | Organisation/Company   | Address                                       | Emergency number   | Comment                              |
|----------------|--|---|--|--------------------------------------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 Dublin      | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |                                      |
| Malta          | Medicines & Poisons Info Office  | Mater Dei Hospital<br>Msida<br>MSD 2090 Msida | +356 2545 6508   |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH                        | 0344 892 0111  | Only for healthcare<br>professionals |
| United Kingdom | NHS 111/NHS 24/NHS Direct  |   | 111<br>0845 4647   | or call a doctor                     |

### SECTION 2: Hazards identification

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

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

Not classified

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

No additional information available

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### 2.2. Label elements

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

|                                |  |
|--------------------------------|--|
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.            |
| EUH-statements                 | : EUH210 - Safety data sheet available on request. |
| Child-resistant fastening      | : Not applicable                                   |
| Tactile warning                | : Not applicable                                   |

### 2.3. Other hazards

|  |  |
|--|--|
| Other hazards not contributing to the classification | : This product floats on water and may affect the oxygen-balance in the water. The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT classified as H350: May cause cancer" (Note L)". USED ENGINE OILS: Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained. |
|--|--|

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]    |
|---|--|-----------|--|
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] | 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 | $\geq 50$ | Asp. Tox. 1, H304  |
| Highly refined base oil substance with a Community workplace exposure limit   | CAS-No.: 64741-88-4<br>EC-No.: 265-090-8<br>REACH-no: 01-2119488706-23                               | 10 – 25   | Not classified   |
| Mineral Oil   | -  | 3 – 5     | Asp. Tox. 1, H304  |
| Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts  | CAS-No.: 84605-29-8<br>EC-No.: 283-392-8<br>REACH-no: 01-2119493626-26                               | 1 – 3     | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411 |

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Seek medical attention if ill effect develops.  |
| First-aid measures after inhalation   | : Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest.  |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. High-pressure injection under skin may cause serious damage. Seek medical attention if ill effect or irritation develops. |
| First-aid measures after eye contact  | : Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.                        |
| First-aid measures after ingestion    | : Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Do not induce vomiting.  |

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

|  |  |
|--|--|
| Symptoms/effects after inhalation                | : At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs. |
| Symptoms/effects after skin contact              | : Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed.   |
| Symptoms/effects after eye contact               | : Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.  |
| Symptoms/effects after ingestion                 | : Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.   |
| Symptoms/effects upon intravenous administration | : Unknown.   |

#### 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   | : carbon dioxide (CO <sub>2</sub> ), dry chemical powder, foam. Water fog.       |
| Unsuitable extinguishing media | : Do not use a heavy water stream. Use of heavy stream of water may spread fire. |

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

|                  |   |
|------------------|---|
| Fire hazard      | : Combustion generates: CO, CO <sub>2</sub> , PO <sub>x</sub> , NO <sub>x</sub> , SO <sub>x</sub> , H <sub>2</sub> S. Metal oxides. |
| Explosion hazard | : Not expected to be a fire/explosion hazard under normal conditions of use.  |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Precautionary measures fire    | : Do not enter fire area without proper protective equipment, including respiratory protection.   |
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers.  |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing.  |
| Other information              | : Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. |

### SECTION 6: Accidental release measures

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

|                  |  |
|------------------|--|
| General measures | : Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and public waters. |
|------------------|--|

##### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Protective equipment | : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Use protective clothing. |
|----------------------|--|

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Emergency procedures : Consider evacuation.

### 6.1.2. For emergency responders

Protective equipment : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

Emergency procedures : No specific measures are necessary.

## 6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution. Prevent liquid from entering sewers, watercourses, underground or low areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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

For containment : Large quantities: Contain large spillage with sand or earth.

Methods for cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.

Other information : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container.

## 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

Precautions for safe handling : Avoid prolonged and repeated contact with skin. May be dangerously slippery if spilled. Where contact with eyes or skin is likely, wear suitable protection. Do not eat, drink or smoke during use. Remove contaminated clothing and shoes.

Hygiene measures : Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse.

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

Technical measures : Keep container tightly closed and in well ventilated place.

Storage conditions : Keep only in original container.

Incompatible products : Reacts vigorously with strong oxidizers and acids.

Maximum storage period : 5 year

Storage temperature : ≤ 40 °C

Information on mixed storage : Keep away from : Oxidizing materials. Strong acids.

Storage area : Store at ambient temperature.

Special rules on packaging : Keep container tightly closed and dry.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

| Highly refined base oil (64741-88-4)               |                      |
|--|----------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                      |
| IOELV TWA (mg/m <sup>3</sup> )                     | 5 mg/m <sup>3</sup>  |
| IOELV STEL (mg/m <sup>3</sup> )                    | 10 mg/m <sup>3</sup> |

##### 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

Exposure-value for oil mist : 10 mg/m<sup>3</sup> (15 min.) or 5 mg/m<sup>3</sup> (8 hours).

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Large quantities: Contain large spillage with sand or earth.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Eye protection should only be necessary where liquid could be splashed or sprayed.

###### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

###### Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed

##### 8.2.2.2. Skin protection

###### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

###### Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

###### Other skin protection

###### Materials for protective clothing:

PVC gloves. Neoprene or nitrile rubber gloves

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### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

See Heading 12. See Heading 6.

#### Consumer exposure controls:

PVC gloves. Neoprene or nitrile rubber gloves.

#### Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

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

|                                 |   |
|---------------------------------|---|
| Physical state                  | : Liquid  |
| Colour                          | : brown.  |
| Appearance                      | : Oily. Liquid.                                     |
| Odour                           | : characteristic.                                   |
| Odour threshold                 | : Not available                                     |
| Melting point                   | : -33 °C ASTM D 97                                  |
| Freezing point                  | : Not available                                     |
| Boiling point                   | : > 280 °C  |
| Flammability (solid, gas)       | : Not available                                     |
| Explosive limits                | : 0,6 – 7 vol %                                     |
| Lower explosive limit (LEL)     | : 0,6 vol %   |
| Upper explosive limit (UEL)     | : 7 vol %   |
| Flash point                     | : 219 °C ASTM D 93                                  |
| Auto-ignition temperature       | : > 240 °C  |
| Decomposition temperature       | : Not available                                     |
| pH                              | : Not available                                     |
| Viscosity, kinematic            | : 100 – 200 mm <sup>2</sup> /s at 40 °C, ASTM D 445 |
| Solubility                      | : insoluble in water.                               |
| Log Kow                         | : Not available                                     |
| Log Pow                         | : > 3   |
| Vapour Pressure 20°C            | : < 0,1 hPa   |
| Vapour pressure at 50°C         | : Not available                                     |
| Density                         | : 0,87 – 0,89 kg/l ASTM D 4052                      |
| Relative density                | : Not available                                     |
| Relative vapour density at 20°C | : > 1 (air=1)                                       |
| Particle characteristics        | : Not applicable                                    |

### 9.2. Other information

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

Explosion limits : 0,6 – 7 vol %

#### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : < 0,1  
VOC content : 0 %  
Other properties : Gas/vapour heavier than air at 20°C

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

#### 10.4. Conditions to avoid

Moisture. Overheating.

#### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

#### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>, PO<sub>x</sub>, NO<sub>x</sub>, SO<sub>x</sub>, H<sub>2</sub>S. Metallic oxides.

### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Highly refined base oil (64741-88-4)

|                       |                          |
|-----------------------|--------------------------|
| LD50 oral rat         | > 5000 mg/kg             |
| LD50 dermal rabbit    | > 5000 mg/kg             |
| LC50 Inhalation - Rat | > 5000 mg/m <sup>3</sup> |

**Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)**

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | > 5000 mg/kg |
| LD50 dermal rat       | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 5,53 mg/l  |

#### Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|                       |  |
|-----------------------|--|
| LD50 oral             | 3150 mg/kg (OECD 401 method)   |
| LD50 dermal rat       | > 2002 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 2,3 mg/l Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)          |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

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STOT-repeated exposure : Not classified

### Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|                            |   |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
|----------------------------|---|

Aspiration hazard : Not classified

### Eurol Bediga 20W-50

|                      |   |
|----------------------|---|
| Viscosity, kinematic | 100 – 200 mm <sup>2</sup> /s at 40 °C, ASTM D 445 |
|----------------------|---|

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

Other information : Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products, Likely route of exposure: ingestion, skin and eye.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Ecology - water : This product floats on water and may affect the oxygen-balance in the water.

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

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

### Highly refined base oil (64741-88-4)

|                      |  |
|----------------------|--|
| LC50 fish 1          | > 100 mg/l Pimephales promelas               |
| EC50 Daphnia 1       | > 10000 mg/l EC50 48h - Daphnia magna [mg/l] |
| EC50 72h - Algae [1] | > 100 mg/l Pseudokirchneriella subcapitata   |

**Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)**

|                      |            |
|----------------------|------------|
| LC50 fish 1          | 100 mg/l   |
| EC50 Daphnia 1       | 10000 mg/l |
| EC50 72h - Algae [1] | > 100 mg/l |

### Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|                        |   |
|------------------------|---|
| LC50 fish 1            | 46 mg/l Test organisms (species): Cyprinodon variegatus |
| EC50 Daphnia 1         | 23 mg/l EC50 48h - Daphnia magna [mg/l]                 |
| EC50 72h - Algae [1]   | 21 mg/l   |
| ErC50 (algae)          | 21 mg/l 72h; Desmodesmus subspicatus                    |
| NOEC (acute)           | 1,8 mg/l  |
| NOEC chronic crustacea | 0,4 mg/l  |
| NOEC chronic algae     | 10 mg/l   |



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| Mineral Oil          |                                    |
|----------------------|------------------------------------|
| LC50 fish 1          | > 100 mg/l Pimephales promelas     |
| EC50 Daphnia 1       | > 10000 mg/l                       |
| EC50 72h - Algae [1] | > 100 mg/l Scenedesmus quadricauda |

### 12.2. Persistence and degradability

| Eurol Bediga 20W-50   |                            |
|---|----------------------------|
| Persistence and degradability   | Not readily biodegradable. |
| Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8) |                            |
| Biodegradation  | 1,5 % (OECD 301B method)   |
| Mineral Oil   |                            |
| Biodegradation  | 31 % OECD TG 301 B         |

### 12.3. Bioaccumulative potential

| Eurol Bediga 20W-50   |   |
|---|---|
| Log Pow   | > 3   |
| Bioaccumulative potential   | This product is not expected to bioaccumulate through food chains in the environment.             |
| Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8) |   |
| Log Pow   | 0,56 Based on the n-octanol/water partition coefficient accumulation in organisms is not expected |
| Log Kow   | 0,56 Partition coefficient n-octanol/water [log Kow]  |

### 12.4. Mobility in soil

| Eurol Bediga 20W-50 |  |
|---------------------|--|
| Ecology - soil      | Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water. |

### 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

|                                |  |
|--------------------------------|--|
| Regional legislation (waste)   | : Disposal must be done according to official regulations.   |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment. |
| Additional information         | : Hazardous waste.   |

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|                                   |   |
|-----------------------------------|---|
| Ecology - waste materials         | : Every mixture with foreign substances such as solvents, brake- and cooling liquids is forbidden. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point. |
| European List of Waste (LoW) code | : 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils   |

### 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>      |   |                                   |                                   |                                   |
| Dangerous for the environment: No       | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available  |   |                                   |                                   |                                   |

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

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

Not applicable

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### 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)

| EU restriction list (REACH Annex XVII) |  |
|--|--|
| Reference code                         | Applicable on  |
| 3(b)                                   | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] ; Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts ; Mineral Oil |
| 3(c)                                   | Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts   |

###### 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)

###### VOC Directive (2004/42)

VOC content : 0 %

###### 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 additional information available

### SECTION 16: Other information

| Indication of changes |  |          |          |
|-----------------------|--|----------|----------|
| Section               | Changed item   | Change   | Comments |
|                       | Supersedes   | Modified |          |
|                       | Revision date  | Modified |          |
| 2.3                   | Other hazards not contributing to the classification | Modified |          |
| 9.1                   | Upper explosive limit (UEL)                          | Added    |          |
| 9.1                   | Lower explosive limit (LEL)                          | Added    |          |

# Eurol Bediga 20W-50

## Safety Data Sheet

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

| Indication of changes |                            |          |          |
|-----------------------|----------------------------|----------|----------|
| Section               | Changed item               | Change   | Comments |
| 9.1                   | Flash point                | Modified |          |
| 9.1                   | Density                    | Modified |          |
| 9.1                   | Viscosity, kinematic       | Modified |          |
| 9.1                   | Melting point              | Modified |          |
| 16                    | Abbreviations and acronyms | Added    |          |
| 16                    | Data sources               | Added    |          |
| 16                    | Other information          | Added    |          |

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| CAS-No.                     | Chemical Abstract Service number  |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |
| ED                          | Endocrine disrupting properties   |
| EN                          | European Standard   |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| N.O.S.                      | Not Otherwise Specified   |
| OECD                        | Organisation for Economic Co-operation and Development  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |

# Eurol Bediga 20W-50

## Safety Data Sheet

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

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                         | Safety Data Sheet   |
| STP                         | Sewage treatment plant  |
| ThOD                        | Theoretical oxygen demand (ThOD)  |
| TLM                         | Median Tolerance Limit  |
| VOC                         | Volatile Organic Compounds  |
| vPvB                        | Very Persistent and Very Bioaccumulative  |
| WGK                         | Water Hazard Class  |

Data sources : 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.

Other information : None.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                     |
| EUH210                              | Safety data sheet available on request.                           |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| H304                                | May be fatal if swallowed and enters airways.                     |
| H315                                | Causes skin irritation.   |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.                                    |
| H411                                | Toxic to aquatic life with long lasting effects.                  |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |

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.