

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

#### 1.1. Product identifier

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Trade name                  | : DUPLOSAN KV                               |
| Synonyms                    | : Mecoprop-P (K) 600g/l CMPP-P K 600 G/L AI |
| Product form                | : Mixture                                   |
| Type (Nufarm)               | : Country Specific                          |
| Country (Nufarm)            | : Ireland                                   |
| CA Code (Nufarm)            | : 3015                                      |
| Product code                | : Q121A                                     |
| Oracle Recipe Code (Nufarm) | : 600000081                                 |
| Item codes                  | : 110004117                                 |
| UFI                         | : X4VM-2PXN-VGA6-4HCR                       |

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

##### 1.2.1. Relevant identified uses

|                              |                                    |
|------------------------------|------------------------------------|
| Main use category            | : Professional use, Industrial use |
| Use of the substance/mixture | : Herbicide                        |

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Nufarm UK Limited  
Wyke Lane, Bradford  
Wyke  
BD12 9EJ Bradford - UK  
T +44 (0)1274 691234 - F +44 (0) 1274691176  
[infouk@uk.nufarm.com](mailto:infouk@uk.nufarm.com)

##### Supplier

Nufarm GmbH & Co KG  
St.-Peter-Str. 25  
4021 Linz - Austria  
T +43/732/6918-3187 - F +43/732/6918-63187  
[Katharina.Krueger@nufarm.com](mailto:Katharina.Krueger@nufarm.com)

##### Supplier

Nufarm S.A.S  
Immeuble WEST PLAZA  
11 rue du débarcadère  
92700 COLOMBES - FRANCE  
T +33 1 40 85 50 50 - F +33 1 47 92 25 45  
[FDS@nufarm.com](mailto:FDS@nufarm.com)

#### 1.4. Emergency telephone number

Emergency number : +44 (0)1274 696603

| 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) |         |

### SECTION 2: Hazards identification

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

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

Acute toxicity (oral), Category 4

H302

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|                                                                   |      |
|-------------------------------------------------------------------|------|
| Skin corrosion/irritation, Category 2                             | H315 |
| Serious eye damage/eye irritation, Category 1                     | H318 |
| Hazardous to the aquatic environment – Acute Hazard, Category 1   | H400 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 1 | H410 |
| Full text of H-statements: see section 16                         |      |

### Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

## 2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

GHS07

GHS09

Signal word (CLP)

: Danger

Contains

: (R)-2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID, POTASSIUM SALT

Hazard statements (CLP)

: H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H410 - Very toxic to aquatic life with long lasting effects.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective clothing, protective gloves, face shield, eye protection.  
P301+P312 - IF SWALLOWED: Call a doctor, a POISON CENTER if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty triple rinsed containers which can be disposed of as non-hazardous waste.

Precautionary statements (CLP)

EUH-statements

: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, 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]                                                 |
|----------------------------------------------------------------|----------------------|------|-----------------------------------------------------------------------------------------------------------------|
| (R)-2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID, POTASSIUM SALT | (CAS-No.) 66423-05-0 | 56.5 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10) |

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|      |                                         |     |                                                                          |
|------|-----------------------------------------|-----|--------------------------------------------------------------------------|
| EDTA | (CAS-No.) 60-00-4<br>(EC-No.) 200-449-4 | 0.2 | Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>STOT RE 2, H373 |
|------|-----------------------------------------|-----|--------------------------------------------------------------------------|

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            | : Call a poison center or a doctor if you feel unwell.                                                                     |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                           |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Call a physician immediately.                                           |
| First-aid measures after ingestion    | : Rinse mouth. Call a poison center or a doctor if you feel unwell.                                                        |

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

|                                     |                           |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Irritation.             |
| Symptoms/effects after eye contact  | : Serious damage to eyes. |

#### 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   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|                                                  |                                                                                              |
|--------------------------------------------------|----------------------------------------------------------------------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Chlorine. Carbon monoxide. Carbon dioxide. Hydrogen chloride. |
|--------------------------------------------------|----------------------------------------------------------------------------------------------|

#### 5.3. Advice for firefighters

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 6: Accidental release measures

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

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

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. |
|----------------------|--------------------------------------------------------------|

##### 6.1.2. For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Methods for cleaning up | : Take up liquid spill into absorbent material.                 |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Information on mixed storage : Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.
- Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

|                                                           |                         |
|-----------------------------------------------------------|-------------------------|
| <b>EDTA (60-00-4)</b>                                     |                         |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |                         |
| Local name                                                | EDTA                    |
| Notes                                                     | (Year of adoption 2009) |
| Regulatory reference                                      | SCOEL Recommendations   |

#### 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:

Minimise exposure using measures such as contained and enclosed systems, properly designed and maintained dedicated facilities and suitable general/local exhaust ventilation.

#### 8.2.2. Personal protection equipment

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



# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.2.2.1. Eye and face protection

| Eye protection: |                      |                   |          |
|-----------------|----------------------|-------------------|----------|
| Type            | Field of application | Characteristics   | Standard |
| Safety glasses  |                      | With side shields | EN 166   |

### 8.2.2.2. Skin protection

| Skin and body protection:                                                                                            |  |
|----------------------------------------------------------------------------------------------------------------------|--|
| According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn. EN 14605 |  |

| Hand protection:                                       |                         |                   |                |             |                                                    |
|--------------------------------------------------------|-------------------------|-------------------|----------------|-------------|----------------------------------------------------|
| Wear suitable gloves resistant to chemical penetration |                         |                   |                |             |                                                    |
| Type                                                   | Material                | Permeation        | Thickness (mm) | Penetration | Standard                                           |
| Reusable gloves                                        | Nitrile rubber (NBR)    | 6 (> 480 minutes) | 0.4            |             | EN ISO 374-1/A1 ,<br>EN 16523+A1 (type A)          |
| Reusable gloves                                        | Chloroprene rubber (CR) | 6 (> 480 minutes) | 0.5            |             | EN ISO 374-1/A1 ,<br>EN 16523+A1 (type A)          |
| Reusable gloves                                        | Butyl rubber            | 6 (> 480 minutes) | 0.7            |             | EN ISO 374-1/A1 ,<br>EN 16523+A1 (type A)          |
| Disposable gloves                                      |                         |                   |                |             | EN ISO 374-1/A1 ,<br>EN ISO 374-2 (A,B, or C type) |

| Other skin protection                                                                                      |          |          |
|------------------------------------------------------------------------------------------------------------|----------|----------|
| Materials for protective clothing:                                                                         |          |          |
| Condition                                                                                                  | Material | Standard |
| According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn |          | EN 14605 |

### 8.2.2.3. Respiratory protection

| Respiratory protection:                                                                                                                                                  |             |                                                                |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|----------|
| Users are advised to consider national Occupational Exposure Limits or other equivalent values. Ensure exposure is below occupational exposure limits (where available). |             |                                                                |          |
| Device                                                                                                                                                                   | Filter type | Condition                                                      | Standard |
| respirator with combination filter for vapour/particles                                                                                                                  | ABEK        | In case of inadequate ventilation wear respiratory protection. | EN 14387 |

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Other information:

Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke during use. Keep away from children. Remove contaminated clothing. Separate working clothes from town clothes. Wash contaminated clothing before reuse. Wash hands immediately after handling the product.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                                    |
|-------------------------------------------------|----------------------------------------------------|
| Physical state                                  | : Liquid                                           |
| Colour                                          | : brown.                                           |
| Odour                                           | : Phenolic.                                        |
| Odour threshold                                 | : Not available                                    |
| Melting point                                   | : Not applicable                                   |
| Freezing point                                  | : Not available                                    |
| Boiling point                                   | : > 100 °C                                         |
| Flammability                                    | : Not applicable                                   |
| Explosive properties                            | : Product is not explosive.                        |
| Oxidising properties                            | : Non oxidizing material according to EC criteria. |
| Explosive limits                                | : Not available                                    |
| Lower explosive limit (LEL)                     | : Not available                                    |
| Upper explosive limit (UEL)                     | : Not available                                    |
| Flash point                                     | : > 100 °C                                         |
| Auto-ignition temperature                       | : > 600 °C                                         |
| Decomposition temperature                       | : Not available                                    |
| pH                                              | : 9.0 (100%); 6.8(1%)                              |
| Viscosity, kinematic                            | : Not available                                    |
| Solubility                                      | : Water: Miscible with water                       |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                                    |
| Partition coefficient n-octanol/water (Log Pow) | : -0.19 MCPPP-p                                    |
| Vapour pressure                                 | : Not available                                    |
| Vapour pressure at 50°C                         | : Not available                                    |
| Density                                         | : Not available                                    |
| Relative density                                | : 1.254                                            |
| Relative vapour density at 20°C                 | : Not available                                    |
| Particle size                                   | : Not applicable                                   |
| Particle size distribution                      | : Not applicable                                   |
| Particle shape                                  | : Not applicable                                   |
| Particle aspect ratio                           | : Not applicable                                   |
| Particle aggregation state                      | : Not applicable                                   |
| Particle agglomeration state                    | : Not applicable                                   |
| Particle specific surface area                  | : Not applicable                                   |
| Particle dustiness                              | : 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

No additional information available

## 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.

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Oxidizing agent. Strong acids.

### 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)       | : Harmful if swallowed.                                                             |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

| DUPLOSAN KV                       |                  |
|-----------------------------------|------------------|
| LD50 oral rat                     | 500 – 2000 mg/kg |
| LD50 dermal rat                   | > 4000 mg/kg     |
| LC50 Inhalation - Rat (Dust/Mist) | > 5.4 mg/l/4h    |

|                                   |                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------|
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 9.0 (100%); 6.8(1%)                                |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 9.0 (100%); 6.8(1%)                             |
| 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 (Based on available data, the classification criteria are not met) |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met) |

| EDTA (60-00-4)         |                                                                    |
|------------------------|--------------------------------------------------------------------|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
|-------------------|-------------------------------------------------------------------------------------|

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adverse health effects caused by endocrine disrupting properties | : 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 % |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 11.2.2 Other information

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                         |
|-----------------------------------------------------------|---------------------------------------------------------|
| Ecology - general                                         | : Very toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Very toxic to aquatic life.                           |
| Hazardous to the aquatic environment, long-term (chronic) | : Very toxic to aquatic life with long lasting effects. |

| DUPLOSAN KV                             |                                                          |
|-----------------------------------------|----------------------------------------------------------|
| LC50 96h fish                           | > 100 mg/l Oncorhynchus mykiss                           |
| EC50 48h crustacea                      | > 100 mg/l Daphnia magna                                 |
| EC50 72h algae                          | 16.2 mg/l Pseudokirchneriella subcapitata ; (MCP-p)      |
| NOEC, Myriophyllum spicatum             | 0.00191 mg/l (14 days, total shoot length, fresh weight) |
| ErC50, Myriophyllum spicatum            | 0.0561 mg/l (14 days, total shoot length)                |
| ErC10, Myriophyllum spicatum            | < 0.01 mg/l (14 days, total shoot length, fresh weight)  |
| Additional ecotoxicological information |                                                          |

### (R)-2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID, POTASSIUM SALT (66423-05-0)

Additional ecotoxicological information

14d ErC10 (Myriophyllum spicatum) 0.00106 mg/L  
14d ErC50 (Myriophyllum spicatum) 0.0269 mg/L

### 12.2. Persistence and degradability

| DUPLOSAN KV                   |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

### (R)-2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID, POTASSIUM SALT (66423-05-0)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

| DUPLOSAN KV                                     |                                |
|-------------------------------------------------|--------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.19 MCP-p                    |
| Bioaccumulative potential                       | Low bioaccumulation potential. |

### 12.4. Mobility in soil

| DUPLOSAN KV                                     |                              |
|-------------------------------------------------|------------------------------|
| Mobility in soil                                | Mobile                       |
| Partition coefficient n-octanol/water (Log Koc) | Koc = 135 - 167 (mecoprop-P) |

### 12.5. Results of PBT and vPvB assessment

| DUPLOSAN KV                                                                           |  |
|---------------------------------------------------------------------------------------|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |  |



# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : 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 %

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## 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>                                                 |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| UN 3082                                                                             | UN 3082                                                                                            | UN 3082                                                                             | UN 3082                                                                              | UN 3082                                                                               |
| <b>14.2. UN proper shipping name</b>                                                |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P)                    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P)                                   | Environmentally hazardous substance, liquid, n.o.s. (Mecoprop-P)                    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P)                     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P)                      |
| <b>Transport document description (ADR)</b>                                         |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P), 9, III    | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Mecoprop-P), 9, III    | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P), 9, III     | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mecoprop-P), 9, III      |
| <b>14.3. Transport hazard class(es)</b>                                             |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| 9                                                                                   | 9                                                                                                  | 9                                                                                   | 9                                                                                    | 9                                                                                     |
|  |                 |  |  |  |
| <b>14.4. Packing group</b>                                                          |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| III                                                                                 | III                                                                                                | III                                                                                 | III                                                                                  | III                                                                                   |
| <b>14.5. Environmental hazards</b>                                                  |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| Dangerous for the environment : Yes                                                 | Dangerous for the environment : Yes<br>Marine pollutant : Yes                                      | Dangerous for the environment : Yes                                                 | Dangerous for the environment : Yes                                                  | Dangerous for the environment : Yes                                                   |
| No supplementary information available                                              |                                                                                                    |                                                                                     |                                                                                      |                                                                                       |

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 14.6. Special precautions for user

#### Overland transport

|                                                                         |                           |
|-------------------------------------------------------------------------|---------------------------|
| Classification code (ADR)                                               | : M6                      |
| Special provisions (ADR)                                                | : 274, 335, 375, 601      |
| Limited quantities (ADR)                                                | : 5I                      |
| Excepted quantities (ADR)                                               | : E1                      |
| Packing instructions (ADR)                                              | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR)                                        | : PP1                     |
| Mixed packing provisions (ADR)                                          | : MP19                    |
| Portable tank and bulk container instructions (ADR)                     | : T4                      |
| Portable tank and bulk container special provisions (ADR)               | : TP1, TP29               |
| Tank code (ADR)                                                         | : LGBV                    |
| Vehicle for tank carriage                                               | : AT                      |
| Transport category (ADR)                                                | : 3                       |
| Special provisions for carriage - Packages (ADR)                        | : V12                     |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13                    |
| Hazard identification number (Kemler No.)                               | : 90                      |
| Orange plates                                                           | :                         |



#### Transport by sea

|                                   |                 |
|-----------------------------------|-----------------|
| Special provisions (IMDG)         | : 274, 335, 969 |
| Limited quantities (IMDG)         | : 5 L           |
| Excepted quantities (IMDG)        | : E1            |
| Packing instructions (IMDG)       | : P001, LP01    |
| Special packing provisions (IMDG) | : PP1           |
| IBC packing instructions (IMDG)   | : IBC03         |
| Tank instructions (IMDG)          | : T4            |
| Tank special provisions (IMDG)    | : TP2, TP29     |
| EmS-No. (Fire)                    | : F-A           |
| EmS-No. (Spillage)                | : S-F           |
| Stowage category (IMDG)           | : A             |

#### Air transport

|                                              |                   |
|----------------------------------------------|-------------------|
| PCA Excepted quantities (IATA)               | : E1              |
| PCA Limited quantities (IATA)                | : Y964            |
| PCA limited quantity max net quantity (IATA) | : 30kgG           |
| PCA packing instructions (IATA)              | : 964             |
| PCA max net quantity (IATA)                  | : 450L            |
| CAO packing instructions (IATA)              | : 964             |
| CAO max net quantity (IATA)                  | : 450L            |
| Special provisions (IATA)                    | : A97, A158, A197 |
| ERG code (IATA)                              | : 9L              |

#### Inland waterway transport

|                                   |                      |
|-----------------------------------|----------------------|
| Classification code (ADN)         | : M6                 |
| Special provisions (ADN)          | : 274, 335, 375, 601 |
| Limited quantities (ADN)          | : 5 L                |
| Excepted quantities (ADN)         | : E1                 |
| Carriage permitted (ADN)          | : T                  |
| Equipment required (ADN)          | : PP                 |
| Number of blue cones/lights (ADN) | : 0                  |

#### Rail transport

|                                  |                           |
|----------------------------------|---------------------------|
| Classification code (RID)        | : M6                      |
| Special provisions (RID)         | : 274, 335, 375, 601      |
| Excepted quantities (RID)        | : E1                      |
| Packing instructions (RID)       | : P001, IBC03, LP01, R001 |
| Special packing provisions (RID) | : PP1                     |
| Mixed packing provisions (RID)   | : MP19                    |

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

### 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

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)  
Contains no substance(s) listed on the REACH Candidate List  
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)  
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)  
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### 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

| Indication of changes: |                           |          |          |
|------------------------|---------------------------|----------|----------|
| Section                | Changed item              | Change   | Comments |
| 1.3                    | Address Information (SDS) | Modified |          |

| Full text of H- and EUH-statements: |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                               |
| 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 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2    |
| H302                                | Harmful if swallowed.                                             |
| H315                                | Causes skin irritation.                                           |
| H318                                | Causes serious eye damage.                                        |
| H319                                | Causes serious eye irritation.                                    |

# DUPLOSAN KV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|        |                                                                                           |
|--------|-------------------------------------------------------------------------------------------|
| H332   | Harmful if inhaled.                                                                       |
| H373   | May cause damage to organs through prolonged or repeated exposure.                        |
| H400   | Very toxic to aquatic life.                                                               |
| H410   | Very toxic to aquatic life with long lasting effects.                                     |
| EUH401 | To avoid risks to human health and the environment, comply with the instructions for use. |

### NUFARM SDS TEMPLATE

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.