

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

### 1.1. Product identifier

Trade name	: Kideka SC
Product form	: Mixture
Type (Nufarm)	: Country Specific
Country (Nufarm)	: Ukraine
CA Code (Nufarm)	: 3542
Product code	: CA3542
Oracle Recipe Code (Nufarm)	: 610000262
Item codes	: 110004947

### 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
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

#### Manufacturer

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 : Organisme français INRS +33 1 45 42 59 59; Nufarm S.A.S +33 1 40 85 51 15

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Reproductive toxicity, Category 2	H361d
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

Suspected of damaging the unborn child. 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) :



GHS08

GHS09

Signal word (CLP) :

Warning

Contains

Mesotrione

# Kideka SC

## Safety Data Sheet

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

Hazard statements (CLP)	: H361d - Suspected of damaging the unborn child. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P102 - Keep out of reach of children. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use. EUH208 - Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
Extra phrases	: SP 1 - Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

### 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]
mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione	(CAS-No.) 104206-82-8 (EC Index-No.) 609-064-00-X	7-12	Repr. 2, H361d STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
1,2-Propanediol substance with national workplace exposure limit(s) (GB, HR, IE, LT, LV, PL)	(CAS-No.) 57-55-6 (EC-No.) 200-338-0 (REACH-no) 01-2119456809-23	5 – 10	Not classified
1,2-Benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	<0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
1,2-Benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	( 0.05 ≤C < 100) Skin Sens. 1, H317

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. See material safety data sheet.

# Kideka SC

## Safety Data Sheet

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

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Drink plenty of water. Get medical advice/attention.

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

Symptoms/effects after inhalation	: None under normal use.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

### 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.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 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, eyes and clothing. Evacuate unnecessary personnel. Keep upwind.

#### 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

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

### 6.4. Reference to other sections

For further information refer to section 13.

# Kideka SC

## Safety Data Sheet

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : 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)

Herbicide.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

<b>1,2-Propanediol (57-55-6)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Notes	TWA = 10 mg/m <sup>3</sup> (US WEEL)
<b>Croatia - Occupational Exposure Limits</b>	
Local name	Propane-1,2-diol
GVI (OEL TWA) [1]	474 mg/m <sup>3</sup> (total particles and vapor) 10 mg/m <sup>3</sup> (particles)
GVI (OEL TWA) [2]	150 ppm
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 1/2021)
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Propane-1,2-diol [Propylene glycol]
OEL TWA [1]	470 mg/m <sup>3</sup> (total vapour and particulates) 10 mg/m <sup>3</sup> (particulate)
OEL TWA [2]	150 ppm (total vapour and particulates)
OEL STEL	1410 mg/m <sup>3</sup> (calculated-total vapour and particulates) 30 mg/m <sup>3</sup> (calculated-particulate)
OEL STEL [ppm]	450 ppm (calculated-total vapour and particulates)
Regulatory reference	Chemical Agents Code of Practice 2021
<b>Latvia - Occupational Exposure Limits</b>	
Local name	Propilēnglikols (1,2-propāndiols)
OEL TWA	7 mg/m <sup>3</sup>
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325
<b>Lithuania - Occupational Exposure Limits</b>	
Local name	Propilenglikolis
IPRV (OEL TWA)	7 mg/m <sup>3</sup>
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)

# Kideka SC

## Safety Data Sheet

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

<b>1,2-Propanediol (57-55-6)</b>	
<b>Poland - Occupational Exposure Limits</b>	
Local name	Propano-1,2-diol
NDS (OEL TWA)	100 mg/m <sup>3</sup> pary i frakcja wdychalna
Remark (PL)	Frakcja wdychalna – frakcja aerozolu wnikaćca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.
Regulatory reference	Dz. U. 2018 poz. 1286
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Propane-1,2-diol
WEL TWA (OEL TWA) [1]	474 mg/m <sup>3</sup> (total particulates and vapour) 10 mg/m <sup>3</sup> (particulates)
WEL TWA (OEL TWA) [2]	150 ppm (total particulates and vapour)
WEL STEL (OEL STEL)	1422 mg/m <sup>3</sup> (calculated-total particulate and vapour) 30 mg/m <sup>3</sup> (calculated-particulate)
WEL STEL (OEL STEL) [ppm]	450 ppm (calculated-total particulate and vapour)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Norway - Occupational Exposure Limits</b>	
Local name	Propan-1,2-diol
Grønseverdi (OEL TWA) [1]	79 mg/m <sup>3</sup>
Grønseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	118.5 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
Regulatory reference	FOR-2021-06-28-2248

### 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:

The recommendations in this section are for employees in manufacturing, formulations and conditioning. For farm users and handlers, please read the product label for suitable personnel protective equipment and apparatus.

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

# Kideka SC

## 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, Safety goggles		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 , EN 16523+A1 (type A)
Reusable gloves	Chloroprene rubber (CR)	6 (> 480 minutes)	0.5		EN ISO 374-1/A1 , EN 16523+A1 (type A)
Reusable gloves	Butyl rubber	6 (> 480 minutes)	0.7		EN ISO 374-1/A1 , EN 16523+A1 (type A)
Disposable gloves					EN ISO 374-1/A1 , 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

# Kideka SC

## Safety Data Sheet

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

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### 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. The wearing of PPE will have to be adapted to working conditions and any discomfort felt during the operation.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: white. Beige.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 2.9 – 3.9
pH solution concentration	: 1 % CIPAC MT 75.3
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C ISO 2719:2002(E)
Auto-ignition temperature	: 410 °C EEC A.15
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.01 – 1.11 @ 20°C; CIPAC MT 3.3
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 693.03 mm <sup>2</sup> /s @40°C; CIPAC MT 192
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

### 9.2. Other information

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.

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

### 10.5. Incompatible materials

No additional information available

# Kideka SC

## Safety Data Sheet

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

### 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 toxicological effects

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

Kideka SC	
LD50 oral rat	> 2000 mg/kg (OECD 423 method)
LD50 dermal rat	2000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 5.58 mg/l/4h (OECD 403 method)

mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione (104206-82-8)	
LD50 oral rat	> 5000 mg/kg (EFSA Journal 2016;14(3):4419)
LD50 dermal rat	> 2000 mg/kg (EFSA Journal 2016;14(3):4419)
LC50 Inhalation - Rat	> 4.75 mg/l/4h (EFSA Journal 2016;14(3):4419)

1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
LD50 oral rat	1020 mg/kg

1,2-Propanediol (57-55-6)	
LD50 oral rat	20 g/kg
LD50 dermal rabbit	20800 mg/kg
LC50 Inhalation - Rat	317 µL/m <sup>3</sup> rabbit; 2h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 2.9 – 3.9
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 2.9 – 3.9
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	: Suspected of damaging the unborn child.
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)

mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione (104206-82-8)	
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)
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Kideka SC	
Viscosity, kinematic	693.03 mm <sup>2</sup> /s @40°C; CIPAC MT 192



# Kideka SC

## Safety Data Sheet

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

### 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.

Kideka SC	
LC50 96h fish	> 100 mg/l <i>Oncorhynchus mykiss</i> ; OECD 203
EC50 48h crustacea	> 100 mg/l (OECD 202 method)
EC50 72h algae	> 160 mg/l <i>Pseudokirchneriella subcapitata</i> ; OECD 201
ErC50 other aquatic plants	0.386 mg/l <i>Lemna gibba</i> ; OECD 221; 7d

#### Additional ecotoxicological information

mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione (104206-82-8)	
LD50, <i>Colinus virginianus</i> (Bobwhite Quail), oral	> 2000 mg/Kg
LD50, Bee, oral	> 11 µg/bee

1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
LC50 96h fish	1.9 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
EC50 48h crustacea	3.7 mg/l <i>Daphnia magna</i> (Water flea)
ErC50 algae	0.8 mg/l <i>Pseudokirchneriella subcapitata</i> (green algae); 72 h
ErC50 other aquatic plants	0.36 mg/l <i>Skeletonema costatum</i> (Diatom)
NOEC (chronic)	0.15 mg/l <i>Skeletonema costatum</i> (Diatom)
NOEC chronic algae	0.21 mg/l <i>Pseudokirchneriella subcapitata</i> (green algae)
EC50, Activated sludge	28.52 mg/l (3 Hours, Test method: Inhibition of breathing)

1,2-Propanediol (57-55-6)	
LC50 96h fish	40613 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
EC50 96h algae	19000 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC (chronic)	13020 mg/l <i>Ceriodaphnia dubia</i> ; 7 d
NOEC, Bacille <i>Pseudomonas putida</i>	> 20000 mg/l (18 Hours, Test method: Toxicity to bacteria)

#### 12.2. Persistence and degradability

Kideka SC	
Persistence and degradability	Not readily biodegradable.

mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione (104206-82-8)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	DT50 3.9 -6.5d (water); 6 -27d (soil)

# Kideka SC

## Safety Data Sheet

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

### 1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Persistence and degradability	Not readily biodegradable.
Biodegradation	24 % 28 d; OECD 301 B

### 1,2-Propanediol (57-55-6)

Persistence and degradability	Readily biodegradable. Biodegradation can occur under anaerobic conditions (in the absence of oxygen).
Biodegradation	81 % 28 d; OECD 301

## 12.3. Bioaccumulative potential

### mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione (104206-82-8)

Partition coefficient n-octanol/water (Log Pow)	< -1 EEC A.8, pH7; 20°C
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### 1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Partition coefficient n-octanol/water (Log Pow)	0.64 (Estimation)
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### 1,2-Propanediol (57-55-6)

BCF - Fish [1]	< 1
Bioconcentration factor (BCF REACH)	0.09
Partition coefficient n-octanol/water (Log Pow)	-1.07
Bioaccumulative potential	No bioaccumulation.

## 12.4. Mobility in soil

### Kideka SC

Surface tension	35.3 mN/m 1% Solution; EEC A.5
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### 1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Mobility in soil	Given its very low Henry's constant, volatilization from bodies of water or moist soil is not expected to be an important factor in the fate of the product. Very high potential for mobility in the soil (Koc between 0 and 50).
Partition coefficient n-octanol/water (Log Koc)	Koc = 104 (Estimation)

### 1,2-Propanediol (57-55-6)

Mobility in soil	Given its very low Henry's constant, volatilization from bodies of water or moist soil is not expected to be an important factor in the fate of the product. Very high potential for mobility in the soil (Koc between 0 and 50).
Partition coefficient n-octanol/water (Log Koc)	Koc < 1

## 12.5. Results of PBT and vPvB assessment

### Kideka SC

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

# Kideka SC

## Safety Data Sheet

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

Component	
1,2-Propanediol (57-55-6)	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
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	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

### 12.6. 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.  
European List of Waste (LoW) code : 02 01 08\* - agrochemical waste containing dangerous substances

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN 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. (Mesotrione)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione)	Environmentally hazardous substance, liquid, n.o.s. (Mesotrione)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione)
<b>Transport document description (ADR)</b>				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Mesotrione), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Mesotrione), 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 Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

# Kideka SC

## 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	:



EAC code : •3Z

#### 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

# Kideka SC

## Safety Data Sheet

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

Mixed packing provisions (RID)	: MP19
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. Transport in bulk according to Annex II of Marpol and the IBC Code

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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

##### France

###### Occupational diseases

Code	Description
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

##### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Storage class (LGK, TRGS 510) : LGK 12 - Non-combustible liquids

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : mesotrione(ISO); 2-[4-(methylsulfonyl)-2-nitrobenzoyl]-1,3-cyclohexanedione is listed

##### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

##### Romania

Romanian National Regulations : Romanian Regulations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# Kideka SC

## Safety Data Sheet

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

### SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
	Supersedes	Added	
	Revision date	Modified	
2.1	Adverse physicochemical, human health and environmental effects	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	
2.2	Hazard pictograms (CLP)	Modified	
2.2	Hazard statements (CLP)	Modified	
11.1	ATE CLP (dermal)	Added	

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
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361d	Suspected of damaging the unborn child.
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.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
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.