

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



IMAZAMOX 33 + IMAZAPYR 15 SL

Version 1 Date of compilation: 28/07/2025

Version 2 (replaces version 1)

Revision date: 09/08/2025

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: IMAZAMOX 33G/L + IMAZAPYR 15G/L SL
Active Substance: IMAZAMOX 33 g/L + IMAZAPYR 15 g/L [SL]

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

Herbicide

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **Shandong Weifang Rainbow Chemical Co., Ltd.**
Address: Binhai Economic Development Area
City: Weifang
Province: Shandong 262737 (China)
Telephone: (+86) 536 531 9100 / 530 2205
E-mail: rainbowagro@rainbowagro.com

1.4 Emergency telephone number: (+86) 536 531 9100 / 530 2205 +86 531 88875222 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EC) No 1272/2008:

Aquatic Acute 1 : Very toxic to aquatic life.
Aquatic Chronic 1 : Very toxic to aquatic life with long lasting effects.
Repr. 2 : Suspected of damaging fertility or the unborn child.
Eye Irrit. 2 : Causes serious eye irritation.

2.2 Label elements.

Labelling in accordance with Regulation (EC) No 1272/2008:

Pictograms:



Signal Word:

Warning

Hazard statements:

H319 Causes serious eye irritation.
H361d Suspected of damaging the unborn child.
H410 Very toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

Precautionary statements:

P264 Wash eyes thoroughly after handling.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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Contains:

imazamox (ISO), (RS)-2-(4-isopropyl- 4-methyl-5-oxo- 2-imidazolin-2-yl)- 5-methoxymethylnicotinic acid

Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether

2.3 Other hazards.

Identifiers	Name	PBT,vPvB or endocrine disrupting properties substances (concentration >=0,1%)
CAS No: 9036-19-5	Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether	Substance with endocrine disrupting properties.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
CAS No: 9036-19-5	[6] [7] Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether	3 - 25 %	Acute Tox. 4, H302 - Aquatic Chronic 3, H412 - Eye Dam. 1, H318	-
Index No: 613-208-00-7 CAS No: 114311-32-9	imazamox (ISO), (RS)-2-(4-isopropyl- 4-methyl-5-oxo- 2-imidazolin-2-yl)- 5-methoxymethylnicotinic acid	2 - 4 %	Aquatic Acute 1, H400 (M=10) - Aquatic Chronic 1, H410 (M=10) - Repr. 2, H361d	-
Index No: 613-126-00-1 CAS No: 81334-34-1	imazapyr (ISO),2-[4,5-dihydro-4-methyl-4(1methylethyl)-5-oxo-1Himidazol-2-yl]3-pyridine carboxylate	1 - 2 %	Aquatic Chronic 3, H412 - Eye Irrit. 2, H319	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[6] Substance included in the list established under Article 59, paragraph 1, REACH (Subject to authorization substance).

[7] Substance included in the list established under Article 59, paragraph 1, REACH (Substances identified as having endocrine disrupting properties).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

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Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

If swallowed: give several glasses of (preferably warm) water, induce vomiting by stimulating the back of the throat with fingers. Repeat 2-3 times for thorough stomach evacuation.

Then give a glass of water with 4-5 tablets of activated charcoal (or 2 tbsp of charcoal powder), followed by a saline laxative (20 g of Glauber's salt or magnesium sulfate in 1/2 glass of water).

If in eyes: rinse thoroughly with water.

If on skin: remove with gauze, wash thoroughly with water and soap, and treat with dilute ammonia solution.

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

No specific antidote. Treatment is symptomatic.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

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6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

Shelf life: 3 years.

Classification and threshold amount of storage in accordance with Annex I to Directive 2012/18/EU (SEVESO III):

Code	Description	Qualifying quantity (tonnes) for the application of	
		Lower-tier requirements	Upper-tier requirements
E1	ENVIRONMENTAL HAZARDS - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1	100	200

7.3 Specific end use(s).

For professional use only. See the product label for approved conditions of use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Herbicide
Breathing protection:	
PPE:	Filter mask for protection against gases and particles.
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.
CEN standards:	EN 136, EN 140, EN 405



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Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor.		
Observations:	Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.		
Filter Type needed:	A2		
Hand protection:			
PPE:	Protective gloves against chemicals.		
Characteristics:	«CE» marking, category III.		
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420		
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
Eye protection:			
If the product is handled correctly, no individual protection equipment is necessary.			
Skin protection:			
PPE:	Protective clothing.		
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
CEN standards:	EN 340		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.		
PPE:	Work footwear.		
Characteristics:	«CE» marking, category II.		
CEN standards:	EN ISO 13287, EN 20347		
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.		
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident		



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: clear/pale yellow

Odour: Faint odor

Odour threshold: Not available

Melting point: Not available

Freezing point: Not available

Boiling point or initial boiling point and boiling range: 100 °C

Flammability: Non highly flammable

Lower explosion limit: Not available

Upper explosion limit: Not available

Flash point: Not available

Auto-ignition temperature: 398 °C

Decomposition temperature: Not available

pH: 6-8 (1%)

Kinematic viscosity: Not available

Solubility: Not available

Hydrosolubility: Not available

Liposolubility: Not available

Partition coefficient n-octanol/water (log value): Not available

Vapour pressure: Not available

Absolute density: Not available

Relative density: 1.06-1.08 g/mL

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Relative vapour density: Not available

Particle characteristics: Not available

9.2 Other information

Information with regard to physical hazard classes

Explosives:

Explosive properties: No explosivo

Oxidising liquids:

Oxidizing properties: Not oxidising

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT MIXTURE. Splashes in the eyes can cause irritation.

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
imazamox (ISO), (RS)-2-(4-isopropyl- 4-methyl-5-oxo- 2-imidazolin-2-yl)- 5-methoxymethylnicotinic acid CAS No: 114311-32-9 EC No:	Oral	LC50	Rat	>5000 mg/kg bw [1] [1] EFSA Journal 2016,14(4):4432
	Dermal	LD50	Rat	> 4000 mg/kg bw [1] [1] EFSA Journal 2016,14(4):4432
	Inhalation	LC50	Rat	>6.3 mg/L (analytical) (4h) [1] [1] EFSA Journal 2016,14(4):4432
imazapyr (ISO),2-[4,5-dihydro-4-methyl-4(1methylethyl)-5-oxo-1Himidazol-2-yl]3-pyridine carboxylate CAS No: 81334-34-1 EC No:	Oral	LD50	Rat	>2500 mg/kg [1] [1] EFSA Journal 2014,12(6):3743
	Dermal	LD50	Rat / Rabbit	>2000 mg/kg [1] [1] EFSA Journal 2014,12(6):3743
	Inhalation	LC50	Rat	> 1.3 mg/L [1] [1] EFSA Journal 2014,12(6):3743

a) acute toxicity;

Acute oral LD50: 5000mg/kg in the rat

Acute dermal LD50: > 2000mg/kg in the rat

Acute inhalation LC50: > 6.88mg/L in the rat

Acute Toxicity Estimate (ATE):

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Mixtures:

ATE (Oral) = 10.707 mg/kg

b) skin corrosion/irritation;

No irritation

c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;

No sensitization

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Product classified:

Reproductive toxicant, Category 2: Suspected of damaging fertility or the unborn child.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

The mixture does not contain components with endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or more.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
imazamox (ISO), (RS)-2-(4-isopropyl- 4-methyl-5-oxo-2-imidazolin-2-yl)-5-methoxymethylnicotinic acid	Fish	LC50		
		NOEC	L. macrochirus	>119 mg as/L (96h) [1]
		NOEC	O. mykiss	122 mg as/L (28d) [2]
		(juvenile fish)	O. mykiss	11.8 mg as/L (96d) [3]
				[1] EFSA Journal 2016.14(4):4432
	Aquatic invertebrates			[2] EFSA Journal 2016.14(4):4432
				[3] EFSA Journal 2016.14(4):4432
		EC50	D. magna	>100 mg as/L (48h (static)) [1]
	Aquatic plants	NOEC	D. magna	137 mg as/L (21d (flow-through)) [2]
				[1] EFSA Journal 2016.14(4):4432
				[2] EFSA Journal 2016.14(4):4432
	Aquatic plants	EC50	L. gibba	0.011 mg as/L (14d) [1]
		NOEC	L. gibba	0.0045 mg a.s./L (14d) [2]
		ErC50	P. subcapitata	29.1 mg a.s./L (72h) [3]

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Name	Ecotoxicity			
	Type	Test	Kind	Value
CAS No: 114311-32-9 EC No:		[1] EFSA Journal 2016.14(4):4432 [2] EFSA Journal 2016.14(4):4432 [3] EFSA Journal 2016.14(4):4432		

Product aquatic toxicity:

Fish

LC50 (Poecillia reticulata): 4540 mg/L (96hour)

Algae:

Acute Growth rate: ErC50 (Chlorella vulgaris): 14.4 mg/L (72h)

Aquatic invertebrate:

Acute, EC50 (Daphnia magna): 2878 mg/L (48 hours)

12.2 Persistence and degradability.

IMAZAMOX:

Persistence: low to high persistence

Biphasic kinetics DT50 2.8-85 days (DT90 25-513 days, 20°C pF 2 soil moisture)

low to moderate persistence

European field dissipation studies single first-order and biphasic kinetics DT50 6.9-31 days (DT90 22.8-107 days)

Readily biodegradable: No

EFSA Journal 2016;14(4):4432

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
imazamox (ISO), (RS)-2-(4-isopropyl- 4-methyl-5-oxo- 2-imidazolin-2-yl)- 5-methoxymethylnicotinic acid CAS No: 114311-32-9 EC No:	0,7	-	-	Very low

IMAZAMOX:

Potential for bioaccumulation: No evidence for accumulation

EFSA Journal 2016;14(4):4432

IMAZAPYR:

Potential for bioaccumulation: no evidence of accumulation

EFSA Journal 2014;12(6):3743

12.4 Mobility in soil.

IMAZAMOX:

Mobility in soil: Very high to high mobility

KFoc 4.1-66 mL/g

EFSA Journal 2016;14(4):4432

12.5 Results of PBT and vPvB assessment.

This mixture contains no components considered toxic bioaccumulative and persistent (PBT) or very bioaccumulative and very persistent (vPvB) at levels of 0.1 % or more

12.6 Endocrine disrupting properties.

The mixture does not contain components with endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or more.

12.7 Other adverse effects.

The product is not affected by the Regulation (EU) 2024/590 of the European Parliament and of the Council of 7 February 2024 on substances that deplete the ozone layer.

No information is available about other adverse effects for the environment.

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SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

After use:

Containers must be destroyed (e.g., punctured) and transferred for disposal to a licensed hazardous waste handler

Waste classification according to the European Waste Catalogue:

15 WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 packaging (including separately collected municipal packaging waste)

15 01 10 packaging containing residues of or contaminated by hazardous substances

Waste classified as hazardous.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number or ID number.

UN No: UN3082

14.2 UN proper shipping name.

Description:

ADR/RID: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, PG III, (-)

IMDG: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IMAZAMOX (ISO) (RS)-2-(4-ISOPROPYL- 4-METHYL-5-OXO- 2-IMIDAZOLIN-2-YL)- 5-METHOXYMETHYLNICOTINIC ACID), 9, PG III, MARINE POLLUTANT

ICAO/IATA: UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, PG III

14.3 Transport hazard class(es).

Class(es): 9

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: Yes



Dangerous for the environment

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-F

14.6 Special precautions for user.

Labels: 9

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Hazard number: 90

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.

Proceed in accordance with point 6.

ADR LQ: 5 L

IMDG LQ: 5 L

ICAO LQ: 30 kg B

14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Product classification according to Annex I of Directive 12/18/EU (SEVESO III): E1

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment.

Under REACH, there is no obligation to conduct a chemical safety assessment of chemical mixtures

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 4: Acute toxicity (Oral), Category 4

Aquatic Acute 1: Acute toxicity to the aquatic environment, Category 1

Aquatic Chronic 1: Chronic effect to the aquatic environment, Category 1

Aquatic Chronic 3: Chronic effect to the aquatic environment, Category 3

Eye Dam. 1: Serious eye damage, Category 1

Eye Irrit. 2: Eye irritation, Category 2

Repr. 2: Reproductive toxicant, Category 2

Changes regarding to the previous version:

- Change in the hazard classification (SECTION 2.1).

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- Removal of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Addition of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Modifications in the first aid measures (SECTION 4.1).
- Modification of the symptoms (SECTION 4.2).
- Modifications in the handling and storage precautions (SECTION 7.1).
- Modifications in the handling and storage precautions (SECTION 7.2).
- Modification of toxicity values (SECTION 11.1).
- Change in the hazard classification (SECTION 11.1).
- Modification of ecological information values (SECTION 12.1).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards On basis of test data

Health hazards Calculation method

Environmental hazards Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

NOEC: No observed effect concentration.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.