

Material group	5723	Page 1 of 13
Product name	5723, Imidacloprid 200 g/l SL	Revision: October 2020
Safety data sheet according to EU Reg. 1907/2006 as amended		Supersedes November 2016

SAFETY DATA SHEET

5723, Imidacloprid 200 g/l SL

Revision: Sections containing a revision or new information are marked with a ♣.

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


- 1.1. **Product identifier** **5723, Imidacloprid 200 g/l SL**
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against** Can be used as insecticide only.
- 1.3. **Details of the supplier of the safety data sheet** **FMC Agricultural Solutions A/S**
 Thyborønvej 78
 DK-7673 Harbøre
 Denmark
SDS.Ronland@fmc.com
- 1.4. **Emergency telephone number**
Medical emergencies:
- | | |
|-------------------------------------|---|
| Austria: +43 1 406 43 43 | Malta: 112 |
| Belgium: +32 70 245 245 | Netherlands: +31 30 274 88 88 |
| Bulgaria: +359 2 9154 409 | Norway: +47 22 591300 |
| Cyprus: 1401 | Poland: +48 22 619 66 54 |
| Czech Republic: +420 224 919 293 | +48 22 619 08 97 |
| +420 224 915 402 | Portugal: 800 250 250 (in Portugal only) |
| Denmark: +45 82 12 12 12 | +351 21 330 3284 |
| England and Wales: 111 | Romania: +40 21318 3606 |
| Estonia: +372 7943500 | Scotland: +8454 24 24 24 |
| Finland: +358 9 471 977 | Slovakia: +421 2 54 77 4 166 |
| France: +33 (0) 1 45 42 59 59 | Slovenia: +386 41 650 500 |
| Greece: 30 210 77 93 777 | South Africa: +27 83 123 3911 (Bateleur Emergency Response Co.) |
| Hungary: +36 80 20 11 99 | Spain: +34 91 562 04 20 |
| Ireland (Republic): +353 1 837 9964 | Sweden: +46 08-331231 |
| Italy: +39 02 6610 1029 | 112 |
| Latvia: +371 670 42 473 | Switzerland: 145 |
| 112 | Turkey: 114 |
| Lithuania: +370 523 62052 | U.S.A. & Canada: +1 800 / 331 3148 |
| +370 687 53378 | All other countries: +1 651 / 632 6793 (Collect) |
| Luxembourg: +352 8002 5500 | |

For fire, leak, spill or other accident emergencies:

U.S.A.: +1 800 / 424 9300 (CHEMTREC)
 All other countries: +1 703 / 741 5970 (CHEMTREC - Collect)

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SECTION 2: HAZARDS IDENTIFICATION

- 2.1. **Classification of the substance or mixture**
- Hazards to the aquatic environment, acute: Category 1 (H400)
 chronic: Category 1 (H410)
- WHO classification Class U (unlikely to present acute hazard in normal use)
- Health hazards The product is not considered as harmful by single exposure. It may be slightly irritating to skin and eyes.
- Environmental hazards The product is very toxic to aquatic organisms.
- 2.2. **Label elements**
According to EU Reg. 1272/2008 as amended
- Product identifier 5723, Imidacloprid 200 g/l SL
- Hazard pictogram (GHS09)
- 
- Signal word Warning
- Hazard statement
 H410 Very toxic to aquatic life with long lasting effects.
- Supplementary hazard statement
 EUH401 To avoid risks to human health and the environment, comply with the instructions of use.
- Precautionary statements
- P273 Avoid release to the environment.
- P391 Collect spillage.
- P501 Dispose of contents and container as hazardous waste.
- 2.3. **Other hazards** None of the ingredients in the product meets the criteria for being PBT or vPvB.

♣ SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. **Substances** The product is a mixture, not a substance.
- 3.2. **Mixtures** See section 16 for full text of hazard statements.
- Active ingredient
- Imidacloprid** Content: 17% by weight
- CAS name 2-Imidazolidinimine, 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-
- CAS no. 138261-41-3
- IUPAC name 1-(6-Chloro-3-pyridinyl)methyl-N-nitroimidazolidin-2-ylidene-amine

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ISO name	Imidacloprid
EC no.	ELINCS no.: 428-040-8
EU index no.	612-252-00-4
Molecular weight	255.66
Classification of the ingredient	Acute oral toxicity: Category 4 (H302)
	Hazards to the aquatic environment,
	acute: Category 1 (H400), M-factor 10
	chronic: Category 1 (H410), M-factor 10

<u>Reportable ingredients</u>	Content (% w/w)	CAS no.	EC no. (EINECS no.)	Classification
Dimethyl sulphoxide Reg. no. 01-2119431362-50	77	67-68-5	200-664-3	None Personal exposure limits exist.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	If experiencing any discomfort, immediately remove from exposure. Light cases: Keep person under surveillance. Get medical attention immediately if symptoms develop. Serious cases: Get medical attention immediately or call for an ambulance.
Skin contact	Immediately flush skin with water while removing contaminated clothing and footwear. Wash with water and soap. See physician if irritation develops.
Eye contact	Immediately rinse eyes with much water or eyewash solution, occasionally opening eyelids, until no evidence of chemical remains. Remove contact lenses after a few minutes and rinse again. See physician if irritation develops.
Ingestion	Let the exposed person rinse mouth and let him/her drink several glasses of water or milk, but not induce vomiting. If vomiting does occur, let him/her rinse mouth and drink fluids again. Get medical attention immediately.

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

After oral intake: gastrointestinal discomfort, tremors and difficulty breathing.

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

Immediate medical attention is required in case of ingestion.
 It may be helpful to show this safety data sheet to physician.

Notes to physician	A specific antidote against this substance is not known. Gastric lavage and/or administration of activated charcoal can be considered. After decontamination, treatment is supportive and symptomatic as for a general chemical.
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♣ SECTION 5: FIRE-FIGHTING MEASURES

- 5.1. **Extinguishing media** Dry chemical or carbon dioxide for small fires, water spray or foam for large fires. Avoid heavy hose streams.
- 5.2. **Special hazards arising from the substance or mixture** The essential breakdown products are volatile, toxic, irritant and inflammable compounds such as nitrogen oxides, hydrogen chloride, carbon monoxide, carbon dioxide and various chlorinated organic compounds. Traces of hydrogen cyanide may be present.
- 5.3. **Advice for firefighters** Use water spray to keep fire-exposed containers cool. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Fight fire from protected location or maximum possible distance. Dike area to prevent water runoff. Firemen should wear self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. **Personal precautions, protective equipment and emergency procedures** It is recommended to have a predetermined plan for the handling of spills. Empty, closable vessels for the collection of spills should be available.
- In case of large spill (involving 10 tonnes of the product or more):
1. use personal protection equipment; see section 8
 2. call emergency telephone no.; see section 1
 3. alert authorities.
- Observe all safety precautions when cleaning up spills. Use personal protection equipment. Depending on the magnitude of the spill this may mean wearing respirator, face mask or eye protection, chemical resistant clothing, gloves and rubber boots.
- Stop the source of the spill immediately if safe to do so.
- 6.2. **Environmental precautions** Contain the spill to prevent any further contamination of surface, soil or water. Wash waters must be prevented from entering surface water drains. Uncontrolled discharge into water courses must be alerted to the appropriate regulatory body.
- 6.3. **Methods and materials for containment and cleaning up** It is recommended to consider possibilities to prevent damaging effects of spills, such as bunding or capping. See GHS (Annex 4, Section 6).
- If appropriate, surface water drains should be covered. Minor spills on the floor or other impervious surface should be absorbed onto an absorptive material such as universal binder, Fuller's earth or other absorbent clays. Collect the contaminated absorbent in suitable containers. Clean area with detergent and much water. Absorb wash liquid with absorbent and transfer to suitable containers. The used containers should be properly closed and labelled.

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Large spills which soak into the ground should be dug up and transferred to suitable containers.

Spills in water should be contained as much as possible by isolation of the contaminated water. The contaminated water must be collected and removed for treatment or disposal.

- 6.4. **Reference to other sections** See subsection 8.2. for personal protection.
 See section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

- 7.1. **Precautions for safe handling** In an industrial environment it is recommended to avoid all personal contact with the product, if possible by using closed systems with remote system control. The material should be handled by mechanical means as much as possible. Adequate ventilation or local exhaust ventilation is required. The exhaust gases should be filtered or treated otherwise. For personal protection in this situation, see section 8.

For its use as a pesticide, first look for precautions and personal protection measures on the officially approved label on the packaging or for other official guidance or policy in force. If these are lacking, see section 8.

Remove contaminated clothing immediately. Wash thoroughly after handling. Before removing gloves, wash them with water and soap. After work, take off all work clothes and footwear. Take a shower, using water and soap. Wear only clean clothes when leaving job. Wash protective clothing and protective equipment with water and soap after each use.

Do not discharge to the environment. Do not contaminate water when disposing of equipment wash waters. Collect all waste material and remains from cleaning equipment, etc., and dispose of as hazardous waste. See section 13 for disposal.

- 7.2. **Conditions for safe storage, including any incompatibilities** The product is stable under normal conditions of warehouse storage at temperatures of 5 to 30°C. Protect against extremes of heat and cold.

Store in closed, labelled containers. The storage room should be constructed of incombustible material, closed, dry, ventilated and with impermeable floor, without access of unauthorised persons or children. A warning sign reading "POISON" is recommended. The room should only be used for storage of chemicals. Food, drink, feed and seed should not be present. A hand wash station should be available.

- 7.3. **Specific end use(s)** The product is a registered pesticide which may only be used for the

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applications it is registered for, in accordance with a label approved by the regulatory authorities.

♣ SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Personal exposure limits To our knowledge, no exposure limits have been established for imidacloprid.

		Year	
Dimethyl sulphoxide	ACGIH (USA) TLV	2015	Not established
	OSHA (USA) PEL	2015	Not established
	EU, 2000/39/EC as amended	2017	Not established
	Germany, MAK	2014	50 ppm (160 mg/m ³) Peak limitation: 100 ppm (320 mg/m ³) Skin notation
	HSE (UK) WEL	2011	Not established

However, other personal exposure limits defined by local regulations may exist and must be observed.

Imidacloprid

DNEL, oral	Not established
DNEL, inhalation	The EFSA has established an AOEL of 0.08 mg/kg bw/day
PNEC, aquatic	0.007 mg/kg bw/day 36 µg/l

Dimethyl sulphoxide

DNEL, dermal	484 mg/kg bw/day
DNEL, inhalation	200 mg/m ³
PNEC, freshwater	17 mg/l
PNEC, marine water	1.7 mg/l

8.2. Exposure controls

When used in a closed system, personal protection equipment will not be required. The following is meant for other situations, when the use of a closed system is not possible, or when it is necessary to open the system. Consider the need to render equipment or piping systems non-hazardous before opening.

The precautions mentioned below are primarily meant for handling of the undiluted product and for preparing the spray solution, but can be recommended for spraying as well.

In cases of incidental high exposure, maximal personal protection may be necessary, such as respirator, face mask, chemical resistant coveralls.

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Respiratory protection

The product does not automatically present an airborne exposure concern during normal handling. In the event of an accidental discharge of the material which produces a heavy vapour or mist, workers must put on officially approved respiratory protection equipment with a universal filter type including particle filter.



Protective gloves

Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber. The breakthrough times of these gloves for the product are unknown, but it is expected that they will give adequate protection. It is recommended to limit the work to be done manually.



Eye protection

Wear goggles, safety glasses or face shield. It is recommended to have an eye wash fountain immediately available in the workplace when there is a potential for eye contact.



Other skin protection

Wear appropriate chemical resistant clothing to prevent skin contact depending on the extent of exposure. During most normal work situations where exposure to the material cannot be avoided for a limited time span, waterproof pants and apron of chemical resistant material or coveralls of polyethylene (PE) will be sufficient. Coveralls of PE must be discarded after use if contaminated. In cases of excessive or prolonged exposure, coveralls of barrier laminate may be required.

♣ SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Yellow
Odour	No significant odour
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not flammable; ignitable
Lower and upper explosive limit ..	Dimethyl sulphoxide : 2.6 - 28.5 vol% (\approx 2.6 - 28.5 kPa)
Flash point	> 95°C
Auto-ignition temperature	Dimethyl sulphoxide : 270°C
Decomposition temperature	Not determined
pH	Undiluted: 10.0 at 25°C 1% solution in water: 6.6 at 25°C 5.7 mm ² /s at 20°C, 3.4 mm ² /s at 40°C
Kinematic viscosity	The product is miscible with water.
Solubility	Solubility of imidacloprid at 20°C in: isopropanol 1.2 g/l n-hexane < 0.1 g/l water 0.61 g/l
Partition coefficient n-octanol/water (log value)	Imidacloprid : log K _{ow} = 0.57 at 20°C Dimethyl sulphoxide : log K _{ow} = -1.35

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Vapour pressure	Imidacloprid	: 4 x 10 ⁻¹⁰ Pa at 20°C
	Dimethyl sulphoxide	: 60 Pa at 20°C
Density and/or relative density	Relative density: 1.15	
Relative vapour density	Dimethyl sulphoxide	: 2.7 (Air = 1)
Particle characteristics	Not applicable (liquid)	

9.2. **Other information** No more relevant information is available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	To our knowledge, the product has no special reactivities.
10.2. Chemical stability	The product is stable during normal handling and storage at ambient temperatures.
10.3. Possibility of hazardous reactions	None known.
10.4. Conditions to avoid	Heating of the product may evolve harmful and irritant vapours.
10.5. Incompatible materials	None known.
10.6. Hazardous decomposition products	See subsection 5.2.

♣ SECTION 11: TOXICOLOGICAL INFORMATION

11.1. **Information on hazard classes as defined in Regulation (EC) No 1272/2008** * = Based on available data, the classification criteria are not met.

Product

Acute toxicity	The product is not considered harmful by single exposure. * However, it should always be treated with the usual care of handling chemicals. The acute toxicity of the product is measured as:
Route(s) of entry	
- ingestion	LD ₅₀ , oral, rat: > 3000 mg/kg (method OECD 423)
- skin	LD ₅₀ , dermal, rat: > 4000 mg/kg (method OECD 402)
- inhalation	LC ₅₀ , inhalation, rat: > 5.04 mg/l/4 h (measured on a similar product; method OECD 403)
Skin corrosion/irritation	Mildly irritating to skin (measured on a similar product; method OECD 404). *
Serious eye damage/irritation	Minimally irritating to eyes (measured on a similar product; method OECD 405). *
Respiratory or skin sensitisation ...	Not sensitising in the Local Lymph Node Assay (measured on a similar product; method OECD 429). *
Germ cell mutagenicity	The product contains no ingredients known to be mutagenic. *

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Carcinogenicity	The product contains no ingredients known to be carcinogenic. *
Reproductive toxicity	The product contains no ingredients known to have adverse effects on reproduction. *
STOT – single exposure	To our knowledge, no specific effects have been observed after single exposure. *
STOT – repeated exposure	The following has been measured for imidacloprid : NOAEL: 150/600 ppm, equivalent to 14.0 mg/kg bw/day for males and 83.3 mg/kg bw/day for females, based on decreased body weight gain at 600 ppm (males) and 2400 ppm (females) and functional changes in the liver at 2400 ppm in females (method OECD 408).
Aspiration hazard	The product does not present an aspiration pneumonia hazard. *
<u><i>Imidacloprid</i></u> Toxicokinetics, metabolism and distribution	Imidacloprid is rapidly absorbed following oral administration. It is widely distributed in the body. The metabolism rate is high. Elimination is fast and complete. There is no indication of bioaccumulation.
Acute toxicity	The substance is harmful by ingestion, but not considered as harmful by inhalation or dermal contact. The acute toxicity of imidacloprid is measured as:
Route(s) of entry	- ingestion LD ₅₀ , oral, rat (male): 379 - 648 mg/kg (method OECD 401) - skin LD ₅₀ , dermal, rat: > 5000 mg/kg (method OECD 402) * - inhalation LC ₅₀ , inhalation, rat: > 0.069 mg/l/4 h (method OECD 403)
Skin corrosion/irritation	Not irritating to skin (method OECD 404). *
Serious eye damage/irritation	Not irritating to eyes (method OECD 405). *
Respiratory or skin sensitisation ...	Not a skin sensitizer (method OECD 406). *
11.2. Information on other hazards	No more relevant information is available.

♣ SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	The product is an insecticide and very toxic to bees. It may be toxic to other species of insects or related organisms. The product is not considered as harmful to fish, daphnids, aquatic plants, birds and soil macroorganisms. It may have short-term effects on soil microorganisms, but no significant long-term effects have been observed.
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The ecotoxicity of the product, as measured on a similar product, is:

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- Fish	Rainbow trout (<i>Oncorhynchus mykiss</i>)	96-h LC ₅₀ : > 100 mg/l
- Invertebrates	Daphnids (<i>Daphnia magna</i>)	48-h EC ₅₀ : > 100 mg/l 21-day NOEC: 1.8 mg/l
- Algae	Green algae (<i>Pseudokirchneriella subcapitata</i>)	72-h IC ₅₀ : > 100 mg/l
- Birds	Bobwhite quail (<i>Colinus virginianus</i>)	LD ₅₀ : 2574 mg/kg
- Bees	Honey bees (<i>Apis mellifera</i> L.)	48-h LD ₅₀ , acute oral: 0.004 µg/bee 48-h LD ₅₀ , contact: approx. 0.018 µg/bee

The ecotoxicity measured on the active ingredient imidacloprid is:

- Invertebrates	Amphipods (<i>Hyalella azteca</i>)	96-h LC ₅₀ : 0.526 mg/l
	Mysid shrimp (<i>Mysidopsis bahia</i>)	96-h LC ₅₀ : 0.0341 mg/l
- Earthworms	<i>Eisenia foetida foetida</i>	14-day LC ₅₀ : 10.7 mg/kg dry soil
- Birds	Japanese quail (<i>Coturnix coturnix japonica</i>)	LD ₅₀ : 31 mg/kg 5-day dietary LD ₅₀ : 2225 ppm in feed
- Bacteria	Activated sludge	IC ₅₀ : > 10000 mg/kg

- 12.2. **Persistence and degradability** **Imidacloprid** is not readily biodegradable. It undergoes slow degradation in the environment and in waste water treatment plants. Degradation is mainly microbiological and aerobic, but photo-degradation also occurs. Primary degradation half-lives in the environment vary much with circumstances, usually from a few months to one year.
- The product contains minor amounts of not readily biodegradable components, which may not be degradable in waste water treatment plants.
- 12.3. **Bioaccumulative potential** See section 9 for octanol-water partition coefficient.
- Imidacloprid** is not expected to bioaccumulate.
- 12.4. **Mobility in soil** In the environment, **imidacloprid** is of moderate mobility.
- 12.5. **Results of PBT and vPvB assessment** None of the ingredients meets the criteria for being PBT or vPvB.
- 12.6. **Endocrine disrupting properties** None of the ingredients is known to have endocrine disrupting properties.
- 12.7. **Other adverse effects** Other relevant hazardous effects in the environment are not known.

♣ SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. **Waste treatment methods** Remaining quantities of the material and empty but unclean packaging should be regarded as hazardous waste.

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Disposal of waste and packagings must always be in accordance with all applicable local regulations.

Disposal of product

According to the Waste Framework Directive (2008/98/EC), possibilities for reuse or reprocessing should first be considered. If this is not possible, the material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing.

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Disposal of packaging

It is recommended to consider possible ways of disposal in the following order:

1. Reuse or recycling should first be considered. Reuse is prohibited except by the authorisation holder. If offered for recycling, containers must be emptied and triply rinsed (or equivalent). Do not discharge rinsing water to sewer systems.
2. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.
3. Delivery of the packaging to a licensed service for disposal of hazardous waste.
4. Disposal in a landfill or burning in open air should only occur as a last resort. For disposal in a landfill, containers should be emptied completely, rinsed and punctured to make them unusable for other purposes. If burned, stay out of smoke.

♣ SECTION 14: TRANSPORT INFORMATION

ADR/RID/IMDG/IATA/ICAO classification

- | | |
|--|---|
| 14.1. UN number | 3082 |
| 14.2. UN proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (imidacloprid) |
| 14.3. Transport hazard class(es) | 9 |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | Marine pollutant |
| 14.6. Special precautions for user | Avoid any unnecessary contact with the product. Misuse can result in damage to health. Do not discharge to the environment. |
| 14.7. Maritime transport in bulk according to IMO instruments .. | The product is not transported in bulk by ship. |

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♣ SECTION 15: REGULATORY INFORMATION

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

Seveso category (Dir. 2012/18/EU): dangerous for the environment

The product (imidacloprid) is subject to Reg. 689/2008 concerning export and import of dangerous chemicals (PIC procedure). See www.pic.int.

All ingredients are covered by EU chemical legislation.

15.2. Chemical safety assessment

A chemical safety assessment is not required to be included for this product.

♣ SECTION 16: OTHER INFORMATION

Relevant changes in the safety data sheet

Minor corrections only.

List of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
AOEL	Acceptable Operator Exposure Level
CAS	Chemical Abstracts Service
Dir.	Directive
DNEL	Derived No Effect Level
EC	European Community
EC ₅₀	50% Effect Concentration
EFSA	European Food Safety Authority
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GHS	Globally Harmonized classification and labelling System of chemicals, Seventh revised edition 2017
HSE	Health & Safety Executive, UK
IC ₅₀	50% Inhibition Concentration
IMO	International Maritime Organisation
ISO	International Organisation for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	50% Lethal Concentration
LD ₅₀	50% Lethal Dose
MAK	Maximale Arbeitsplatz-Konzentration
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
n.o.s.	Not otherwise specified
OECD	Organisation for Economic Cooperation and Development
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative, Toxic
PEL	Personal Exposure Limit
PIC	Prior Informed Consent
PNEC	Predicted No Effect Concentration
Reg.	Registration, or

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	Regulation
SL	Soluble concentrate
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
vPvB	very Persistent, very Bioaccumulative
WEL	Workplace Exposure Limit
WHO	World Health Organisation

References	Data measured on this and a similar product are unpublished company data. Data on ingredients are available from published literature and can be found several places.
Method for classification	Hazards to the aquatic environment, acute: test data chronic: calculation method
Used hazard statements	H302 Harmful if swallowed. 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 of use.
Advice on training	This material should only be used by persons who are made aware of its hazardous properties and have been instructed in the required safety precautions.

The information provided in this safety data sheet is believed to be accurate and reliable, but uses of the product vary and situations unforeseen by FMC Agricultural Solutions A/S may exist. The user has to check the validity of the information under local circumstances.

Prepared by: FMC Agricultural Solutions A/S / GHB