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CVR No. DK 12 76 00 43

Product code	6543	Page 1 of 13
Product name	FURY GEO	July 2019
Safety data sheet according to EU Reg. 1907/2006 as amended		Supersedes May 2017

SAFETY DATA SHEET

Fury Geo

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** **FURY GEO**
- 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 | Luxembourg: +352 8002 5500 |
| 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: 808 250 250 (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 |
| France: +33 (0) 1 45 42 59 59 | Slovakia: +421 2 54 77 4 166 |
| Finland: +358 9 471 977 | 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) |

For fire, leak, spill or other accident emergencies:

U.S.A.: +1 800 / 424 9300 (CHEMTREC)
All other countries: +1 703 / 527 3887 (CHEMTREC - Collect)

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SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture**
- Eye damage: Category 1 (H318)
 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 can cause serious eye irritation.
- Environmental hazards The product is very toxic to aquatic organisms.
- 2.2. Label elements**
According to EU Reg. 1272/2008 as amended
- Product identifier Fury Geo
- Hazard pictograms (GHS05, GHS09)
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- Signal word Danger
- Hazard statements
- H318 Causes serious eye damage.
- 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.
- P280 Wear eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P391 Collect spillage.
- P501 Dispose of contents/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
- Zeta-cypermethrin** Content: < 1% by weight

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CAS name	Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl ester
CAS no.	1315501-18-8
IUPAC name	Mixture of the stereoisomers (S)- α -cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, where the ratio of the (S);(1RS,3RS) isomeric pair to the (S);(1RS,3SR) isomeric pair lies in the ratio range 45-55 to 55-45 respectively
ISO name/EU name	Zeta-cypermethrin
EC no. (EINECS no.)	None
EU index no.	None
Molecular weight	416.3
Classification of the ingredient	Acute oral toxicity: Category 3 (H301) Acute inhalation toxicity: Category 4 (H332) Specific target organ toxicity (single exposure): Category 3 (H335) Hazards to the aquatic environment, acute: Category 1 (H400) chronic: Category 1 (H410)

<u>Reportable ingredient</u>	Content (% w/w)	CAS no.	EC no. (EINECS no.)	Classification
Propanoic acid, 2-hydroxy-, 2-ethyl-hexyl ester, (2S)-	8	186817-80-1	None	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)

SECTION 4: FIRST AID MEASURES

- 4.1. Description of first aid measures**
- If exposure has occurred, do not wait for symptoms to develop, but immediately start the procedures described below.
- 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 remove contaminated clothing and footwear. Do not start with flushing with water, but wipe off with dry cloth or using talcum powder, followed by washing with water and soap. Thereafter apply lidocaine, vitamin E cream, fatty skin care oil or cream. See physician if contamination is severe or if feeling unwell.
- 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 immediately.
- Ingestion** Let the exposed person rinse mouth with water and 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**
- Zeta-cypermethrin can cause feelings of burning, tingling or numbness in exposed areas (paraesthesia).

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

If any sign of poisoning occurs, call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to a pyrethroid insecticide. Describe his/her condition and the extent of exposure. Immediately remove the exposed person from the area where the product is present.

As soon as a feeling of tingling is noted in any skin area (see section 11), it is recommended to immediately apply lidocaine or a vitamin E cream. For this purpose, lidocaine or vitamin E cream should be available at the workplace.

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 administration of activated charcoal can be considered. Normally recovery is spontaneous.

If allowed to penetrate the skin, **zeta-cypermethrin** may cause an irritation similar to sunburn. The substance will be drawn into a non-polar environment such as a fat based oil or cream. Vitamin E cream has been reported to be beneficial. Water is highly polar and will not decrease, but may prolong the irritation. Hot water may increase the pain.

For eye contamination, instillation of local anaesthetic can be considered.

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 hydrogen chloride, nitrogen oxides, 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 plan for the avoidance of spills. If spillage does occur, it has to be removed and the area cleaned immediately according to a predetermined plan. It is recommended to clean area or equipment also if contamination is suspected.

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Empty, sealable 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. Keep unprotected persons away from the spill area. Avoid and reduce formation of vapour or dust as much as possible.

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 immediately be swept up or preferably vacuumed up using equipment with high efficiency final filter. Transfer to suitable containers. Clean area with strong industrial detergent and much water. Absorb wash liquid onto inert absorbent such as universal binder, Fuller's earth, bentonite or other absorbent clay and collect in suitable containers. The used containers should be properly closed and labelled.

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 important 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

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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.

Keep all unprotected persons and children away from working area.

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.

The work area should always be kept clean. Used personal protection equipment should either be thrown out or be cleaned immediately after use. Respirator should be cleaned and filter replaced according to instructions provided with respirator.

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.

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 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 any of the ingredients in this product. However, personal exposure limits defined by local regulations may exist and must be observed.

Zeta-cypermethrin

DNEL

Not established

EFSA has established an AOEL of 0.02 mg/kg bw/day

PNEC, aquatic environment

0.0013 ng/l

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Propanoic acid, 2-hydroxy-, 2-ethyl-hexyl ester, (2S)-

DNEL, inhalation	8 mg/m ³
DNEL, dermal	Low hazard
PNEC, freshwater	8 µg/l
PNEC, marine water	0.8 µg/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 use 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.



Respiratory protection

In the event of an accidental discharge of the material which produces a heavy vapour or dust, workers must put on officially approved respiratory protection equipment with a universal filter type including particle filter.



Protective gloves

Wear long chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber. The breakthrough times of these materials for the product are unknown. Generally, however, the use of protective gloves will give only partial protection against dermal exposure. Small tears in the gloves and cross-contamination can easily occur. It is recommended to limit the work to be done manually and to change the gloves immediately if there is a suspicion of contamination. Be careful not to touch anything with contaminated gloves. Used gloves should be thrown out and not be reused. Wash hands with water and soap immediately after work is finished.



Eye protection

Wear face shield rather than goggles or safety glasses. The possibility of eye contact should be excluded.



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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on physical and chemical properties

Appearance	Beige solid (granules)
Odour	Weak
Odour threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid/gas)	Not highly flammable
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Zeta-cypermethrin : 2.53×10^{-7} Pa at 25°C
Vapour density	Not determined
Relative density	Not determined
Solubility(ies)	Density: 0.992 - 1.039 g/cm ³ Solubility of zeta-cypemethrin at 20°C in ethyl acetate > 1000 g/l n-heptane 40.12 g/l water 0.0387 mg/l
Partition coefficient n-octanol/water	Zeta-cypermethrin : $\log K_{ow} = 5 - 6$ at 24°C
Autoignition temperature	> 400°C
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2. Other information

Miscibility	The product is dispersible in water.
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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 will 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 toxicological effects	* = Based on available data, the classification criteria are not met.
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Product

Acute toxicity	The product is not considered harmful by single exposure. * The acute toxicity is measured as:
Route(s) of entry	
- ingestion	LD ₅₀ , oral, rat: > 2000 mg/kg
- skin	LD ₅₀ , dermal, rabbit: > 2000 mg/kg
- inhalation	LC ₅₀ , inhalation, rat: > 5.54 mg/l/4 h
Skin corrosion/irritation	Not irritating to skin. *
Serious eye damage/irritation	Seriously irritating to eyes.
Respiratory or skin sensitisation ...	Not sensitising to skin. *
Germ cell mutagenicity	The product contains no ingredient known to be mutagenic. *
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	No other specific effects after single exposure than mentioned elsewhere in this safety data sheet have been observed. *
STOT – repeated exposure	The following is measured on the active ingredient zeta-cypermethrin: Target organ: nervous system. Repeated exposure may cause neurotoxic effects. Various symptoms of toxicity (ataxia, decreased activity, dehydration) were observed in a 90-day oral test with rats at exposure levels of 70 mg/kg bw/day.
Aspiration hazard	The product does not present an aspiration pneumonia hazard. *
Symptoms and effects, acute and delayed	On contact, zeta-cypermethrin can cause feelings of burning, tingling or numbness in exposed areas (paraesthesia), which is harmless at low exposure, but can be quite painful, especially in the eye. The effect may result from splash, aerosol or transfer from contaminated gloves. The effect is transient, lasting up to 24 hours, but may in exceptional cases last longer. It may be considered as a warning that overexposure has occurred and that work practice should be reviewed. If swallowed or inhaled small doses may produce non-specific symptoms (e.g. nausea, vomiting, diarrhoea). Larger doses may produce disturbance of the central nervous system (e.g. tremors, convulsions, coma).

Zeta-cypermethrin

Toxicokinetics, metabolism and distribution	After oral administration, zeta-cypermethrin is absorbed, initially widely distributed in the body and finally distributed mostly to the
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skin and fatty tissues. It is extensively metabolised. It is eliminated almost completely within 72 hours.

Acute toxicity		Zeta-cypermethrin is toxic if swallowed and harmful by inhalation. Toxicity by skin contact is less severe. Results for acute toxicity vary with study design and vehicle. The following results are mentioned in literature:
Route(s) of entry	- ingestion	LD ₅₀ , oral, rat (male): 134 -557 mg/kg LD ₅₀ , oral, rat (female): 86 - 1264 mg/kg
	- skin	LD ₅₀ , dermal, rat: > 2000 mg/kg *
	- inhalation	LC ₅₀ , inhalation, rat: 1.26 - 2.5 mg/l/4 h
Skin corrosion/irritation		Not irritating to skin. *
Serious eye damage/irritation		Not irritating to eyes. *
Respiratory or skin sensitisation ...		Sensitising when measured according to method OECD 406.
<u><i>Propanoic acid, 2-hydroxy-, 2-ethyl-hexyl ester, (2S)-</i></u>		
Acute toxicity		The substance not considered harmful by single exposure. * The acute toxicity is measured as:
Route(s) of entry	- ingestion	LD ₅₀ , oral, rat: > 2000 mg/kg (method similar to OECD 401)
	- skin	LD ₅₀ , dermal, rat: not available
	- inhalation	LC ₅₀ , inhalation, rat: > 5.6 mg/l/4 h (method similar to OECD 403)
Skin corrosion/irritation		Irritating to skin (method similar to OECD 404)
Serious eye damage/irritation		Severely irritating to eyes (method similar to OECD 405).
Respiratory or skin sensitisation ...		Sensitising (method similar to OECD 429).

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity** The product is very toxic to fish, aquatic invertebrates and insects. It is not considered as harmful to aquatic plants, soil micro- and macroorganisms and birds.
- The ecotoxicity of the active ingredient zeta-cypermethrin is measured as:
- | | | |
|-----------------|--|-------------------------------------|
| - Fish | Rainbow trout (<i>Oncorhynchus mykiss</i>) | 96-h LC ₅₀ : 0.7 µg/l |
| - Invertebrates | Daphnids (<i>Daphnia magna</i>) | 48-h LC ₅₀ : 0.14 µg/l |
| | Amphipods (<i>Gammarus pulex</i>) | 96-h LC ₅₀ : 0.0013 µg/l |
| - Algae | Green algae (<i>Pseudokirchneriella subcapitata</i>) ... | 72-h EC ₅₀ : > 1.0 mg/l |
- 12.2. **Persistence and degradability** **Zeta-cypermethrin** is not readily biodegradable. Primary degradation half-lifetimes are generally a few weeks in aerobic soil, depending on circumstances.

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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 coefficients.

Zeta-cypermethrin has the potential to bioaccumulate, but in view of its high acute toxicity to aquatic organisms, bioaccumulation is not relevant.

12.4. Mobility in soil

Zeta-cypermethrin is not mobile in the environment. It binds tightly to soil particles

12.5. Results of PBT and vPvB assessment

None of the ingredients meets the criteria for being PBT or vPvB.

12.6. 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.

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 feasible, 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 for the registration 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.

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SECTION 14: TRANSPORT INFORMATION

ADR/RID/IMDG/IATA/ICAO classification

- 14.1. **UN number** 3077
- 14.2. **UN proper shipping name** Environmentally hazardous substance, solid, n.o.s. (zeta-cypermethrin)
- 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. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code** The product is not transported in bulk by ship.

♣ 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
 All ingredients in the product 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	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
	GHS	Globally Harmonized classification and labelling System of chemicals, Fifth revised edition 2013
	IBC	International Bulk Chemical code
	ISO	International Organisation for Standardization
	IUPAC	International Union of Pure and Applied Chemistry
	LC ₅₀	50% Lethal Concentration

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LD ₅₀	50% Lethal Dose
MARPOL	Set of rules from the International Maritime Organisation (IMO) for prevention of sea pollution
n.o.s.	Not otherwise specified
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, Bioaccumulative, Toxic
PNEC	Predicted No Effect Concentration
Reg.	Regulation
STOT	Specific Target Organ Toxicity
vPvB	very Persistent, very Bioaccumulative
WHO	World Health Organisation

References Data measured on this product are unpublished company data. Data on ingredients are available from published literature and can be found several places.

Method for classification Eye damage: test data
 Hazards to the aquatic environment: calculation method

Used hazard statements
 H301 Toxic if swallowed.
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 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 Corporation may exist. The user has to check the validity of the information under local circumstances.

Prepared by: FMC Agricultural Solutions A/S / GHB