

HIGH LOAD MIRCAM®

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

A soluble concentrate containing 600 g/l (46.5% w/w) Mecoprop-P and 80 g/l (6.2% w/w) Dicamba as potassium salts. A selective herbicide for the control of broad-leaved weeds in wheat, barley, oats and amenity grassland.

IMPORTANT INFORMATION FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop	Maximum Single Dose	Maximum Number of Applications	Maximum total dose per crop	Latest Timing of Treatments
Winter and spring wheat, barley and oats	1.25 l/ha	One per crop	1.25 l/ha	Before 1 st node detectable (GS31)
Amenity Grassland	1.25 l/ha	Two per Year	2.5 l/ha	-

Other specific restrictions:

- Applications to cereals must not be made between 1st October and 1st March.
- The total amount of mecoprop-P applied to any individual crop, or in a single year in the case of a perennial crop, must not exceed the maximum total dose of mecoprop-P approved for application to that crop by any single mecoprop-P containing product.
Method of application: Tractor mounted, trailed sprayer, knapsack.

Additional Safety Phrase:

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).

Safety Information

DANGER

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

Wear protective gloves/ eye protection/ face protection.
IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON

CENTER or doctor/ physician
Dispose of contents/ container

to a licensed hazardous-waste disposal contractor or collection site except for empty triple rinsed containers which can be disposed of as non hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use

PCS No. 04578

Authorisation Holder & Marketing Company

Nufarm UK Limited

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United Kingdom

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PROTECT FROM FROST

FOR PROFESSIONAL USE ONLY

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 **Nufarm**
Grow a better tomorrow

DIRECTIONS FOR USE

RESTRICTIONS

- Do not roll or harrow crop within a period of at least 7 days before or after spraying HIGH LOAD MIRCAM.
- Do not apply HIGH LOAD MIRCAM to crops suffering from herbicide damage or stress caused by pests, nutrition defects or weather.
- Do not spray if rain is expected within six hours.
- Do not spray when cold or frosty conditions are prevalent.
- Do not spray where drift may cause damage to susceptible crops, particularly tomatoes, lettuce, cabbage, turnips, swedes, beet and pears.
- Overlapping spray swathes should be avoided. Avoid drift onto all broad-leaved plants outside the target area.
- Should crops be sprayed beyond the recommended times damage can occur which may result in reduction in yield.
- After liming ensure lime is washed off the crop and weeds before spraying.
- Avoid drift onto all broad-leaved plants outside the target area.

WEEDS CONTROLLED

It is best to spray in warm, moist weather when the weeds are actively growing.

Cereals

	Weeds	Growth stage controlled
SUSCEPTIBLE	Bindweed, Black Charlock, Chickweed, Common Cleavers, Fencher, Fumitory, Common Groundsel, Knotgrass, Mayweed, Scentless Penny-cress, Field Radish, Wild Radish, Shank, Shepherd's purse	Controlled from cotyledon to two true leaves up to six true leaves or 50mm across x 50mm high.
MODERATELY SUSCEPTIBLE	Buttercup, Corn Campion, White Pineapple weed, Sow-thistle, Prickly Speedwell, Common-field	Controlled at cotyledon to two true leaves and checked at six true leaves or 50mm across x 50mm high
MODERATELY RESISTANT	Hemp-nettle, Common** Mayweed, Stinking Poppy, Common** Sow-thistle, Smooth	Checked at cotyledon to two true leaves stage.

PERENNIAL WEEDS	Buttercup, Creeping Docks, Broad-leaved & Curled Thistle, Creeping	Apply at the early flowering stage provided this is still within the recommended timing for cereals. Shoots will be killed but further treatments may be required in other years to get complete kill.
RESISTANT WEEDS	Dead-nettle, Red Marigold, Corn Pansy, Wild	

* Only controlled up to 1st whorl stage

** Improved control can be achieved by adding 2.8 litres of Agritox 500 (PCS No. 05499) or other approved salt formulations of MCPA.

	Weeds	Growth stage controlled
Perennials	Buttercup, Creeping Daisy Dock Plantain Nettle, Stinging Thistle, Creeping Thistle, Spear	Established perennials are best treated when the flower buds are visible. HIGH LOAD MIRCAM is most effective against docks in the seedling stage or during the early phase of regeneration from shoots. Established perennials are difficult to kill and a second spray may be required. For long term reduction treatment may have to be repeated the following season.
Annuals	Thickweed Mayweed, Scantless	Seedling and young plant stage (3-4 leaves).

CROP SPECIFIC INFORMATION

Crop	Rate of Application	Maximum Number of Treatments	Remark
Winter Wheat Winter Barley Winter Oats	1.0 to 1.25 litres/ha	One per crop	Apply from 5 expanded leaf stage (GS15) to before 1 st node is detectable (GS31).
Spring Wheat Spring Barley Spring Oats	1.0 to 1.25 litres/ha	One per crop	Apply from 5 expanded leaf stage (GS15) but before 1 st node is detectable (GS31). Use the lower dose when weeds are at the cotyledon to two expanded true leaf stage.

Amenity grassland	1.0 to 1.25 litres/ha	Two per crop	Application as an overall treatment may take place at any time between April and October; optimum timing depends on the target weed growth stage. Apply from start of tillering. Do not use on clover.
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Water Volumes: Hydraulic Sprayer: 100 to 400 L/ha
 Knapsack Sprayer: 300 to 1000 L/ha

Note;

It is important to note that under some growing conditions the crop may be seen to be prostrated after spraying but recovery is rapid and the crop will grow away normally. HIGH LOAD MIRCAM acts slowly and 2-3 weeks may elapse before the full effect on weeds is observed.

MIXING AND SPRAYING

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of HIGH LOAD MIRCAM. Add the remainder of the water and continue agitation until spraying is completed. WASH EQUIPMENT thoroughly immediately after use. Fill the tank with clean water and leave overnight. Spray out before storage or using other products. Traces of the product may cause damage to susceptible crops sprayed later.

Hydraulic sprayer

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of HIGH LOAD MIRCAM. Add the remainder of the water and continue agitation until spraying is completed. USE IMMEDIATELY following dilution. DO NOT allow diluted product to stand before use. Apply as a medium quality spray (as defined by BCPC). A spray pressure of 2-3 bar is recommended.

Knapsack Application

This method is recommended for spot treatment of weeds. Apply as a medium spray to just before run-off occurs.

Size of knapsack	Amount of HIGH LOAD MIRCAM*	Amount of water	Area Treated
5 L	15 ml	5 L	125 m ²
10 L	31 ml	10 L	250 m ²
20 L	62 ml	20 L	500 m ²

*Based on 400 L water/ha

TANK CLEANING

WASH EQUIPMENT thoroughly immediately after use. Fill the tank with clean water and leave overnight. Spray out before storage or using other products. Traces of the product may cause damage to susceptible crops sprayed later.

COMPATIBILITY

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing. While most pesticides are compatible with HIGH LOAD MIRCAM, other manufacturers' recommendations should be checked before mixing.

STORAGE

Keep dry and frost free in a suitable pesticide store
DO NOT RE-USE THE CONTAINER for any purpose

Resistance Management

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered to be resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. A strategy for preventing and managing such resistance should be adopted. This should include integrating herbicides with a programme of cultural control measures. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

CONDITIONS OF SALE

All goods supplied by Nufarm UK Ltd. are high grade and we believe them to be suitable for the purpose for which we expressly supply them; but as we cannot exercise any control over their mixing, use or application which may affect the performance of the goods all conditions and warranties statutory or otherwise as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us or our Associate Companies for any damage or injury whatsoever arising from their storage, handling, re-application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.

ACKNOWLEDGEMENTS

®MIRCAM is the registered trademark of Nufarm UK Limited

SPECIMEN
2019 to date

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

CA Code (Nufarm) : 3013
Product code : Q009A
Oracle Recipe Code (Nufarm) : 600000075
Item codes : 110004119
Product form : Mixture
Product name : HIGH LOAD MIRCAM
Type (Nufarm) : Country Specific
Country (Nufarm) : Ireland
Synonyms : Mecoprop P/Dicamba K 600/80G/L AI

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 UK Ltd.
Wyke Lane
Wyke
BD12 9EJ Bradford - UK
T +44 (0)1274 691234 - F +44 (0) 127469176
infouk@uk.nufarm.com

1.4. Emergency telephone number

Emergency number : +44 (0)1274 696603

2. Hazards identification

2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 H302
Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Hazardous to the aquatic environment — Acute Hazard, Category 1 H400

Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

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

2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP):



GHS05



GHS07



GHS09

Signal word (CLP) :

Danger

Hazardous ingredients :

potassium salts of CMPP-p/Dicamba 600/80g/L.

Hazard statements (CLP) :

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, face protection, eye protection.
P302+P352 - IF ON

SKIN: Wash with plenty of soap and water.
 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, a doctor.
 P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(R)-2-(4-CHLORO-2-METHYLPHENOXY) PROPIONIC ACID, POTASSIUM SALT	(CAS-No.) 66423-05-0 (EC-No.) 240-539-0	55.04	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 2, H411
POTASSIUM 3,6-DICHLORO-O-ANISATE	(CAS-No.) 10007-85-9 (EC-No.) 233-002-7 (EC Index-No.) 607-044-00-5	7.31	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
EU IA substance with a community workplace exposure limit	(CAS-No.) 60-00-4 (EC-No.) 200-491-1	0.2	Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 STOT RE 2, H373

Full text of H-statements: see section 16

EUH-statements : E

UH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

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

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

3. Composition/information on ingredients

3.1. Substances

Not applicable

4. First aid measures

4.1. Description of first aid measures

First aid measures general :

Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation :

Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice.

First-aid measures after skin contact :

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs. Get medical advice/attention.

First-aid measures
after eye contact :

Rinse cautiously
with water for several
minutes. Call a physician
immediately.

First-aid measures
after ingestion :

Rinse mouth. Call a
poison center or a
doctor if you feel
unwell. Do not induce
vomiting.

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

Symptoms/effects
after inhalation :

Inhalation may
cause irritation (cough,
short breathing,
difficulty in breathing).

Symptoms/effects
after skin contact :

Irritation.

Symptoms/effects after
eye contact :

Serious damage to
eyes.

Symptoms/effects
after ingestion :

Abdominal pain,
nausea. Ingestion may
cause nausea and
vomiting. May be
harmful if swallowed.
May cause irritation to
the digestive tract.

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

Treat symptomatically.

5. Firefighting measures

5.1. Extinguishing media

Suitable
extinguishing media :

Water spray. Dry
powder. Foam. Carbon
dioxide.

Unsuitable
extinguishing media :

Do not use a heavy
water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition
products in case of fire :

Toxic fumes may be
released. Thermal
decomposition
generates : Carbon
dioxide. Carbon
monoxide. Chlorine.
Hydrogen chloride.

5.3. Advice for firefighters

Protection
during firefighting :

Do not attempt to
take action without
suitable protective
equipment. Self-
contained breathing
apparatus. Complete
protective clothing.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures :

Ventilate spillage
area. Avoid contact
with skin and eyes.

6.1.2. For emergency responders

Protective equipment :

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

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.

7. Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

Information on mixed storage : Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Special rules on packaging : Keep only in original container. Store in a closed container.

7.3. Specific end use(s)

Herbicide.

8. Exposure controls/personal protection

8.1. Control parameters

(R)-2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID, POTASSIUM SALT (66423-05-0)		
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ 8 h
United Kingdom	WEL STEL (mg/m ³)	20 mg/m ³ 15 min

EDTA (60-00-4)		
EU	Local name	EDTA
EU	Notes	(Year of adoption 2009)
EU	Regulatory reference	SCOEL Recommendations

Russian Federation	Local name	N,N ¹ -1,2-Этандилбис[<i>N</i> -(карбоксиметил)]глицин
Russian Federation	WEL Ceiling (mg/m ³)	2 mg/m ³
Russian Federation	Remark (RU)	3 класс опасности - опасное; а (аэрозоль)
Russian Federation	Regulatory reference	ГН 2.2.5.1313-03

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :	Liquid
Colour :	brown.
Odour :	Phenolic.
Odour threshold :	No data available
pH :	9.9 (100%); 7.6 (1%)
Relative evaporation rate (butylacetate=1) :	No data available
Melting point :	Not applicable
Freezing point :	No data available
Boiling point :	112 °C
Flash point :	> 200 °C
Auto-ignition temperature :	No data available
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 :	1.281 (20°C)
Solubility :	Water: miscible in all proportions
Log Pow :	-0.19 (CMPP, pH7); -1.8 (Dicamba pH6.8)
Viscosity, kinematic :	No data available
Viscosity, dynamic :	58 mPa·s (20°C)
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

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).

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

11.1. Information on toxicological effects

CMPP-P/L/CAMBA K 300/80G/L AI	
LD50 oral rat	775 mg/kg
LD50 dermal rat	> 4000 mg/kg

Acute toxicity (oral) :	Oral: Harmful if swallowed.
Acute toxicity (dermal) :	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) :	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation :	Causes skin irritation. pH: 9.9 (100%); 7.6 (1%)
Serious eye damage/irritation :	Causes serious eye damage. pH: 9.9 (100%); 7.6 (1%)
Respiratory or skin sensitisation :	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity :	Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity :	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity :	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure :	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure :	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard :	Not classified (Based on available data, the classification criteria are not met)

12. Ecological information

12.1. Toxicity

Ecology - general :	Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity :	Very toxic to aquatic life.
Chronic aquatic toxicity :	Very toxic to aquatic life with long lasting effects.

CMPP-P/DICAMBA K, 600/80G/L AI	
EC50 48h crustacea	> 100 mg/L Daphnia magna
EC50 72h algae	> 100 mg/L Navicula pelliculosa
NOEC (chronic)	>= 100 mg/L Daphnia magna
NOEC chronic algae	10 mg/L Navicula pelliculosa
Additional ecotoxicological information	
14 d ErC50 (Myriophyllum spicatum) 0.146 mg/L (total shoot length) 14 d ErC10 (Myriophyllum spicatum) <0.05mg/L (total shoot length)	

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

Additional ecotoxicological information

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

12.2. Persistence and degradability

CMPP-P/DICAMBA K, 600/80G/L AI

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

CMPP-P/DICAMBA K, 600/80G/L AI

Log Pow	-0.19 (CMPPP pH7); -1.8 (Dicamba pH6.8)
Bioaccumulative potential	No bioaccumulation.

12.4. Mobility in soil

CMPP-P/DICAMBA K, 600/80G/L AI

Surface tension	41.4 mN/m 20°C
Log Koc	Koc=20-43(pH5.6-7.6), 135-167(pH4.3-4.4) (Mecoprop P) Kfoc=3.45-21.2, 1/n=0.72-0.93 (Dicamba)

12.5. Results of PBT and vPvB assessment

CMPP-P/DICAMBA K, 600/80G/L AI

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

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

14. Transport information

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

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

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) : EI
 Packing instructions (ADR) : P001, IBC03, LP01, R001
 Special packing provisions (ADR) : PPI
 Mixed packing provisions (ADR) : MP19
 Portable tank and bulk container instructions (ADR) : T4
 Portable tank and bulk container special

provisions (ADR) : TPI, TP29
 Tank code (ADR) : LGBV
 Vehicle for tank carriage : AT
 Transport category (ADR) : 3
 Special provisions for carriage - Packages (ADR) : VI2
 Special provisions for carriage - Loading, unloading and handling (ADR) : CV13
 Hazard identification number (Kemler NO.) : 90
 Orange plates :



Tunnel restriction code (ADR) : -
 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) : PPI
 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) : 30kg
 PCA packing instructions (IATA) : 26
 PCA max net quantity (IATA) : 450L
 CAO packing instructions (IATA) : 964
 CAO max net quantity (IATA) : 450L
 Special provisions (IATA) : A97, A18, A197
 ERG code (IATA) : 9L

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
 Not applicable

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

15.1.2. National regulations Germany

VwVwS Annex reference : Water hazard class (WGK) 3, Highly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV :

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van ankerverwekkende stoffen :

None of the components are listed

SZW-lijst van mutagene stoffen :

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Bio-voeding :

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid :

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling :

None of the components are listed

Denmark

Recommendations Danish Regulation :

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. Other information

Indication of changes:

Section	Changed item	Change	Comments
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.1	Adverse physicochemical, human health and environmental effects	Modified	
2.2	Hazard statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after eye contact	Modified	
5.3	EAC code	Added	
9.1	Relative density	Added	
9.1	Viscosity, dynamic	Modified	
9.1	Log Pow	Modified	
9.1	Density	Removed	
9.1	Flash point	Modified	
9.1	pH	Modified	
9.1	Boiling point	Modified	
11.1	LD50 oral	Removed	
11.1	LD50 dermal	Removed	
11.1	LC50 inhalation rat (ppm)	Removed	
11.1	LD50 oral rat	Modified	
11.1	LD50 dermal rat	Modified	
11.1	ATE CLP (oral)	Modified	
12.1	NOEC chronic algae	Added	
12.1	NOEC (chronic)	Added	
12.1	EC50 72h algae	Removed	
12.1	EC50 72h algae	Modified	
12.1	LC50 96h fish	Removed	
12.1	EC50 48h crustacea	Removed	
12.1	EC50 48h crustacea	Modified	
12.1	LC50 96h fish	Removed	
12.3	Log Pow	Modified	
14.1	UN-No. (ADR)	Added	
14.1	UN-No. (IMDG)	Added	
14.1	UN-No. (ADN)	Added	
14.1	UN-No. (IATA)	Added	

14.2	Proper Shipping Name (ADN)	Added	
14.2	Proper Shipping Name (ADR)	Added	
14.3	Danger labels (RID)	Added	
14.3	Danger labels (ADR)	Added	
14.3	Class (ADR)	Added	
14.4	Packing group (ADN)	Added	
14.4	Packing group (IATA)	Added	
14.4	Packing group (IMDG)	Added	
14.4	Packing group (ADR)	Added	
14.6	Special provisions (ADN)	Added	
14.6	Special packing provisions (IMDG)	Added	
14.6	Packing instructions (IMDG)	Added	
14.6	Transport category (ADR)	Added	
14.6	Special provisions (ADR)	Added	
14.6	Excepted quantities (ADR)	Added	
14.6	Limited quantities (ADR)	Added	
14.6	Tunnel restriction code (ADR)	Added	
14.6	Hazard identification number (Kepler No.)	Added	
14.6	Classification code (ADR)	Added	
16	Other information	Removed	

SPECIMEN
2019 to date

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH401	To avoid risks to human health, and the environment, comply with the instructions for use.