MIRCAM PLUS

H

MAPP 15868
PCS No. 05017

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

A soluble concentrate containing 43.3 g/L mecoprop-p (present at 50.98 g/L as the potassium salt), 24.5 g/L MCPA (present at 29.1.53 g/L as the potassium salt) and 19.5 g/L dicamba (present at 22.86 g/L as the potassium salt)

IMPORTANT INFORMATION
FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops	Maximum Individual Dose (L product/ha)	Maximum Total Dose (L product/ha)	Latest time of application
Winter and Spring Wheat, Barley, Oats	5.0	5.0 per crop	Before 1st node detectable
Grass (seed crop)	5.0	5.0 per crop	-

Other specific restrictions

- Applications to cereals must not be made between 1st October and 1st March.
- The total amount of Mecoprop-P applied to an individual crop, or in a single year in the case of a perennial crop, must not exceed the maximum total dose of Mecoprop-P approval for application to that crop by any single Mecoprop-P containing product.
- Treated grass seed crops must not be grazed or cut for fodder
- Do not apply by hand-held equipment

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

Safety Information

DANGER

Causes serious eye damage. Very toxic to aquatic life with long lasting effects.
Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a doctor, a POISON CENTER.
Collect spillage.
Dispose of contents/ container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty 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

MAPP 15868 PCS No 05017

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SAFETY PRECAUTIONS

Operator protection
Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection - UK only.

WHEN USING DO NOT EAT, DRINK OR SMOKE.
WASH CONCENTRATE from skin or eyes immediately.
WASH HANDS AND EXPOSED SKIN before meals and after work.
IF YOU FEEL UNWELL, seek medical advice (show the label where possible).
Do not apply by hand-held equipment

Environmental protection
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

Storage and disposal
KEEP OUT OF REACH OF CHILDREN.
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
STORE IN ORIGINAL CONTAINER, tightly closed, in a safe place.
WASH OUT CONTAINER THOROUGHLY empty washings into spray tank and dispose of safely.
DO NOT RE-USE CONTAINER FOR ANY PURPOSE

A selective weedkiller for the control of many annual weeds in cereals and grass seed crops and managed amenity turf.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work – UK only.

Nufarm UK Limited, Wyke Lane, Wyke,
Bradford, West Yorkshire BD12 9EL UK.
Technical Helpline telephone number: +44 (0)1274 694714
24-hour emergency telephone number: +44 (0)1274 696603

PROTECT FROM FROST

10 Litres e

The Voluntary Initiative

This label is compliant with the CPA Voluntary Initiative Guidance.

Nufarm
Grow a better tomorrow

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

RESTRICTIONS

- The crop should not be rolled or harrowed within a period of at least 7 days before or after spraying with MIRCAM PLUS.
- Do not apply MIRCAM PLUS to crops suffering from herbicide damage or stress caused by pests, nutrition defects or weather.
- After liming ensure lime is washed off the crop and weeds before spraying.
- Care should be taken to avoid overlap of spray swaths.
- MIRCAM PLUS is not recommended for use in Rye.
- Do not apply during drought or if rain is expected within 6 hours of treatment.
- Do not spray when cold or frosty conditions are prevalent.
- Do not use first 4 mowings for mulching unless composted for 6 months.
- Do not spray cereals which have been, or are to be, undersown with clovers or other legumes as these may be killed or severely checked.
- Avoid drift onto all broad-leaved plants outside the target area. To avoid spray drift do not spray in windy or very still conditions. Spray drift must be avoided especially near susceptible crops such as tomatoes, lettuce, oilseed rape, vegetables, turnips, swedes, sugar beet, peas, glasshouse crops, fruit and ornamentals, etc.
- Extreme care must be taken to avoid spray drift onto plants outside of the target area.

WEEDS CONTROLLED

Weeds are most susceptible to MIRCAM PLUS when growing vigorously under warm moist conditions. Results from spraying under cold or frosty conditions will not be as satisfactory.

Cereals and Grass (seed crop)

Weed Species	Susceptibility	Weed Growth stage
Bindweed, Black Charlock Chickweed, Common Fat-hen Forget-me-not Fumitory, Common Groundsel Knotgrass Orache, Common Mayweed, Scentless Persicaria, Pale Pennycress, Field Poppy, Common Radish, Wild Redshank Shepherds Purse	Susceptible	Controlled from cotyledon to 2 true leaves up to 6 true leaves or 50mm across x 50mm high
Cleavers		Controlled up to 1st whorl stage
Buttercup, Corn Hempnettle, Common Mayweed, Scented Pineapple Weed Pimpernel, Scarlet Sow-thistle, Prickly Speedwell, Common-field	Moderately susceptible	Controlled at cotyledon to 2 true leaves and checked at 6 true leaves or 50mm across x 50mm high
Mayweed, Stinking	Moderately Resistant	Checked at cotyledon to 2 true leaves stage.
Buttercup, Creeping Docks, Curled & Broad-leaved Thistle, Creeping		Severely checked if sprayed when appreciable foliage is present
Dead-nettle, Red Marigold, Corn Pansy, Wild	Resistant	

CROP SPECIFIC INFORMATION

Winter and spring wheat, barley and oats

Application rate: 5.0 L product/ha

For all cereals apply from 5 leaf stage (GS15) until before 1st node detectable stage (GS 31).

All varieties of wheat, barley and oats may be treated

Apply in 170-400 L water/ha.

For cereals if sharp or severe frost occurs within 3-4 weeks of application to wheat or barley damage may occur to the crop that will cause scorch or stunting which may or may not lead to a reduction in yield.

Grass (seed crop)

Application rate: 5.0 L product/ha

Grass seed crops should be sprayed from 4-6 weeks before flower heads begin to emerge. Timothy should be sprayed 6 weeks before flower head emergence.

Apply in 170-400 L water/ha.

MIXING AND SPRAYING

This product is for use by professionally qualified spray operatives only. This is a legal requirement. There is also legislation regarding storage, protective clothing and disposal of empty containers. If not professionally qualified always use a qualified contractor to apply this product

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of MIRCAM PLUS. 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.

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.

MIRCAM PLUS can be tank-mixed with other pesticides, please consult your Nufarm distributor or Nufarm UK Limited.

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 – UK only, your distributor, crop adviser or product manufacturer.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 2011. It provides additional advice on product use at the discretion of the applicant.

ACKNOWLEDGMENTS

®Mircam is the registered trademark of Nufarm UK Limited.

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

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.

SAFETY DATA SHEET

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

1.1. Product identifier

CA Code (Nufarm) :	2773
Product code :	T701A
Oracle Recipe Code (Nufarm) :	OR2773
Item codes :	MY2773
Product form :	Mixture
Product name :	Mircam Plus
Type (Nufarm) :	Country Specific
Country (Nufarm) :	UK
Synonyms :	(4-CHLORO-2-METHYLPHENOXY) ACETIC ACID/(R)-2-(4-CHLORO-2-METHYLPHENOXY) PROPIONIC ACID/ DICAMBA K salts

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

1.2.1. Relevant identified uses

Main use category :	Industrial use,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) 1274691176
infouk@uk.nufarm.com

1.4. Emergency telephone number

Emergency number : +44(0)1274 696603 (24hr)

2. Hazards identification

2.1. Classification of the substance or mixture

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

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
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 GHS09

Signal word (CLP) :	Danger
Hazardous ingredients :	(4-CHLORO-2-METHYLPHENOXY) ACETIC ACID/(R)-2-(4-CHLORO-2-METHYLPHENOXY) PROPIONIC ACID/ DICAMBA K salts
Hazard statements (CLP) :	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 eye protection, face protection, protective clothing, protective gloves. 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 doctor, a POISON CENTER. P391 - Collect spillage. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements :	EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

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

3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(4-CHLORO-2-METHYLPHENOXY) ACETIC ACID, Potassium salt	(CAS-No.) 5221-16-9 (EC-No.) 226-015-4	25.5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(R)-2-(4-CHLORO-2-METHYLPHENOXY PROPIONIC ACID, POTASSIUM SALT	(CAS-No.) 66423-05-0 (EC-No.) 240-539-0	4.4	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	2	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
EDTA substance with a Community workplace exposure limit	(CAS-No.) 60-00-4 (EC-No.) 200-449-4	<0.5	Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 STOT RE 2, H373

Full text of H-statements: see section 16

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.
First-aid measures after skin contact :	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Call a physician immediately.
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. Give 500 ml water to drink.

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

Symptoms/effects after inhalation : May cause shortness of breath, tightness of the chest, a sore throat and cough.

Symptoms/effects after skin contact : Causes mild skin irritation.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Abdominal pain, nausea. Ingestion may cause nausea and vomiting. May cause irritation to the digestive tract.

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

Treat symptomatically. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

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 : Absorb spilled material with sand or earth.

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 8: "Exposure controls/ personal protection". 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. Avoid the formation of mists in the atmosphere. Do not manipulate the product in a confined space.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container closed when not in use. Protect against frost.

Information on mixed storage : Keep out of the reach of children. Avoid contact of substance with water.

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

7.3. Specific end use(s)

No additional information available

8. Exposure controls/personal protection

8.1. Control parameters

(4-CHLORO-2-METHYLPHENOXY) ACETIC ACID, Potassium salt (5221-16-9)		
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ 8 H
United Kingdom	WEL STEL (mg/m³)	20 mg/m³ 15 min

(R)-2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID, POTASSIUM SALT (66423-05-0)		
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ 8 h
United Kingdom	WEL STEL (mg/m³)	20 mg/m³ 15 min

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

8.2. Exposure controls

Appropriate engineering controls:
Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment:
Protective clothing. Gloves. Safety glasses.

Materials for protective clothing:
Nitrile rubber

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 :	7 (1% aq)
Relative evaporation	

rate (butylacetate=1) :	No data available
Melting point :	Not applicable
Freezing point :	No data available
Boiling point :	No data available
Flash point :	> 100 °C
Auto-ignition temperature :	> 400 °C
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 :	1.1555
Solubility :	Water: Miscible with water
Log Pow :	2.8 (MCPPp)
Viscosity, kinematic :	No data available
Viscosity, dynamic :	4.42 mPa·s (40°C)
Viscosity, dynamic :	4.56 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. Combustion produces toxic gases.

11. Toxicological information
11.1. Information on toxicological effects

MCPA / CMPP-p / Dicamba K 245/43.3/19.5g/l Al	
LD50 oral rat	300 - 2000 mg/kg (MCPA)
LD50 oral	431 mg/kg (MCPPp)
LD50 dermal rat	> 2000 mg/kg (MCPA)
LD50 dermal	> 2000 mg/kg (MCPPp) - Rat
LC50 inhalation rat (mg/l)	> 5 mg/l/4h MCPA
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5.16 mg/l/4h MCPPp

POTASSIUM 3,6-DICHLORO-O-ANISATE (10007-85-9)	
LD50 oral rat	1707 mg/kg Dicamba
LD50 dermal rabbit	> 2000 mg/kg Dicamba
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 9.6 mg/l/4h Dicamba

Acute toxicity (oral) :	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) :	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) :	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation :	Not classified (Based on available data, the classification criteria are not met) pH: 7 (1% aq)
Serious eye damage/irritation :	Causes serious eye damage. pH: 7 (1% aq)
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. Very 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.

MCPA / CMPP-p / Dicamba K 245/43.3/19.5g/l Al	
LC50 96h fish	50 mg/l (MCPA)
LC50 96h fish	> 100 (MCPPp)
EC50 48h crustacea	> 190 mg/l (MCPA)
EC50 48h crustacea	> 100 (MCPPp)
EC50 72h algae	> 320 mg/l selenastrum capricornutum (MCPA
EC50 72h algae	16.2 mg/l MCPPp
NOEC (chronic)	50 mg/l Daphnia magna (MCPA)
NOEC chronic fish	15 mg/l Pimephales promelas (MCPA DMA)
NOEC chronic crustacea	> 100 mg/l Daphnia magna (MCPPp))

(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

POTASSIUM 3,6-DICHLORO-O-ANISATE (10007-85-9)	
LC50 96h fish	135 mg/l Dicamba
EC50 48h crustacea	110 mg/l Dicamba
EC50 72h algae	250 mg/l Dicamba

12.2. Persistence and degradability

MCPA / CMPP-p / Dicamba K 245/43.3/19.5g/l Al	
Persistence and degradability	Readily biodegradable.
Biodegradation	DT50 : 6.3-8.2d. (mecoprop-P). DT50 : 2.1-8d (Dicamba). DT50 : 7-14d (MCPA).

12.3. Bioaccumulative potential

MCPA / CMPP-p / Dicamba K 245/43.3/19.5g/l Al	
Log Pow	2.8 (MCPPp)
Bioaccumulative potential	No bioaccumulation.

12.4. Mobility in soil

MCPA / CMPP-p / Dicamba K 245/43.3/19.5g/l AI	
Surface tension	50.7 mN/m 20°C
Log Koc	Koc = 135-167 (mecoprop-P). Kfoc = 3.45-21.2, 1/n=0.72-0.93 (Dicamba). Koc=10-157(MCPA)

12.5. Results of PBT and vPvB assessment

MCPA / CMPP-p / Dicamba K 245/43.3/19.5g/l AI
This substance/mixture does not meet the PBT 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.

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. (MCPA, Mecoprop-p)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MCPA, Mecoprop-p)	Environmentally hazardous substance, liquid, n.o.s. (MCPA, Mecoprop-p)
Transport document description (ADR)		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MCPA, Mecoprop-p), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MCPA, Mecoprop-p), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (MCPA, 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) :	5l
Excepted quantities (ADR) :	E1
Packing instructions (ADR) :	P001, IBC03, LP01, R001
Special packing provisions (ADR) :	PP1
Mixed packing provisions (ADR) :	MP19
Portable tank and bulk container instructions (ADR):	T4
Portable tank and bulk container special provisions (ADR):	TP1, TP29
Tank code (ADR) :	LGBV
Vehicle for tank carriage :	AT
Transport category (ADR) :	3
Special provisions for carriage - Packages (ADR):	V12
Special provisions for carriage - Loading, unloading and handling (ADR):	CV13
Hazard identification number (Kemler No.) :	90
Orange plates :	
EAC code :	•3Z

- Transport by sea

Special provisions (IMDG) :	274, 335, 969
Limited quantities (IMDG) :	5 L
Excepted quantities (IMDG) :	E1
Packing instructions (IMDG) :	P001, LP01
Special packing provisions (IMDG) :	PP1
IBC packing instructions (IMDG) :	IBC03
Tank instructions (IMDG) :	T4
Tank special provisions (IMDG) :	TP2, TP29
EmS-No. (Fire) :	F-A
EmS-No. (Spillage) :	S-F
Stowage category (IMDG) :	A

- Air transport

PCA Excepted quantities (IATA) :	E1
PCA Limited quantities (IATA) :	Y964
PCA limited quantity max net quantity (IATA) :	30kgG
PCA packing instructions (IATA) :	964
PCA max net quantity (IATA) :	450L
CAO packing instructions (IATA) :	964
CAO max net quantity (IATA) :	450L
Special provisions (IATA) :	A97, A158, A197
ERG code (IATA) :	9L

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

15.2. 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	Precautionary statements (CLP)	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	
7.2	Information on mixed storage	Added	
7.2	Special rules on packaging	Added	
9.1	Viscosity, dynamic	Added	
9.1	pH solution concentration	Added	
9.1	Auto-ignition temperature	Added	
9.1	Viscosity, dynamic	Modified	
9.1	Relative density	Modified	
9.1	pH	Modified	
11.1	LD50 oral	Modified	
11.1	LD50 oral rat	Modified	
11.1	LC50 inhalation rat (mg/l)	Modified	
11.1	LD50 dermal	Modified	
11.1	LD50 dermal rat	Modified	
11.1	ATE CLP (vapours)	Added	
11.1	ATE CLP (oral)	Added	
11.1	ATE CLP (dust,mist)	Added	
12.1	NOEC chronic fish	Added	
12.1	NOEC chronic crustacea	Added	
12.1	NOEC (chronic)	Added	
12.1	EC50 72h algae	Modified	
12.1	EC50 48h crustacea	Modified	
12.2	Persistence and degradability	Added	
14.1	UN-No. (ADN)	Added	
14.1	UN-No. (ADR)	Added	
14.1	UN-No. (IMDG)	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	Hazard identification number (Kemler No.)	Added	
14.6	Classification code (ADR)	Added	
16	Other information	Removed	

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
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
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
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.