

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : AIM
 Product code : 6030

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

1.2.1. Relevant identified uses

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

FMC CHEMICAL Sprl
 Boulevard de la Plaine, 9/3
 1050 BRUXELLES - BELGIQUE
 T 00 32 2 6459584 - F 00 32 2 6459655
msdsinfo@fmc.com

1.4. Emergency telephone number

Emergency number : 00 32 14 58 45 45 (all countries)

Country	Organisation/Company	Address	Emergency number
Belgique/België	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B - 1120 Brussels	+32 70 245 245
Česká republika	Toxikologické informační středisko	Na Bojišti 1 120 00 Praha 2	+420 224 919 293 +420 224 915 402
Danmark	Giftlinjen Bispebjerg Hospital	Bispebjerg Bakke 23, 60, 1 DK-2400 Copenhagen NV	+45 82 12 12 12
Deutschland	Berliner Betrieb für Zentrale Gesundheitliche Aufgaben Institut für Toxikologie, Klinische Toxikologie und Giftnotruf Berlin	Oranienburger Strasse 285 13437 Berlin	+49 30 19240
España	Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid	Calle Luis Cabrera 9 E-28002 Madrid	+34 91 562 04 20
France	ORFILA	http://www.centres-antipoison.net	+33 (0)1 45 42 59 59
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2166 (public, 8am - 10pm, 7/7)
Italia	Centro Antiveleni Ospedale Niguarda Ca' Granda	Piazza Ospedale Maggiore 3 20162 Milano	+39 02 6610 1029
Lietuva	Poisons Control and Information Bureau	Siltnamiu 29 2043 Vilnius	+370 523 62052 +370 687 53378
Magyar	Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety) Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service)	1437 Budapest PO Box 839 1097 Budapest, Nagyvárad tér 2	+36 80 20 11 99
Nederland	Nationaal Vergiftigingen Informatie Centrum (Uitsluitend bestemd om artsen te informeren bij accidentele vergiftigingen)	Heidelberglaan 100 3584 CX Utrecht	+31 30 274 88 88
Norge	Giftinformasjonen Directorate of Health and Social Affairs	P.O. Box 7000 St. Olavs Plass 130 Oslo	+47 22 591300
Polska	Warsaw Poison Control and Information Centre Praski Hospital	Al. Solidarnosci 67 P-03 401 Warszawa	+48 22 619 66 54 +48 22 619 08 97
Portugal	Centro de Informação Antivenenos – Dra Arlinda Borges Instituto Nacional de Emergência Médica (INEM)	Rua Almirante Barroso, 36 1000-013 Lisboa	808 250 143 (for use only in Portugal), +351 21 330 3284
România	Institutul National de Sanatate Publica	Str. Dr. Leonte Anastasievici Nr.1-3, Sector 5 Bucuresti, directie.generala {at} insp.gov.ro 050463 Bucuresti	+40 21318 3606
Slovenija	Poison Centre Division of Internal Medicine	University Clinical Centre Zaloska 7 1525 Ljubljana	+ 386 41 650 500
Slovensko	National Toxicological Information Centre University Hospital Bratislava	Limbová 5 833 05 Bratislava	+421 2 54 77 4 166
SUOMI	Myrkytystietokeskus	P.O.B 790 (Tukholmankatu 17) HUS SF - 00029 Helsinki	+358 9 471 977

Country	Organisation/Company	Address	Emergency number
Sverige	Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital	Box 60 500 SE-171 76 Stockholm	08-331231 (Måndag-Fredag; 9.00-17.00) 112 (0.00-24.00)
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)
България	National Toxicological Information Centre National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov"	21 Tottleben Boulevard 1606 SOFIA	+359 2 9154 409

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Adverse physicochemical, human health and environmental effects : Harmful if swallowed
Causes serious eye damage
Very toxic to aquatic life with long lasting effects
Not classified as flammable by EC criteria.

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

Acute Tox. 4 (Oral) H302

Eye Dam. 1 H318

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Full text of H-statements: see section 16

2.2. Label elements

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

Hazard pictograms :



Signal word : Danger

Hazardous ingredients : Mecoprop-P

Hazard statements : H302 - Harmful if swallowed
H318 - Causes serious eye damage
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements : P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301+P312 - IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell
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
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

Other hazards not contributing to the classification : None, to our knowledge.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Mecoprop-P	(CAS No) 16484-77-8 (EC no) 240-539-0 (EC index no) 607-434-00-5	70 - 90	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Carfentrazone-ethyl	(CAS No) 128639-02-1 (EC index no) 607-309-00-5	1 - 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Move the affected person to the fresh air If the person feels unwell : Call a doctor.
First-aid measures after skin contact	: Remove all contaminated clothing and footwear Wash with soapy water If case of redness or irritation, call a doctor.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum) Consult an eye specialist immediately.
First-aid measures after ingestion	: If the person is fully conscious, make him/her drink plenty of water. Never give an unconscious person anything to drink Get medical advice/attention.

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

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

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

Treat symptomatically and supportively in response to reactions of patient.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂) Foam Powder.
Unsuitable extinguishing media	: Water (the product is dangerous for the environment - do not dilute it).

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : On thermal decomposition (pyrolysis), releases :
Carbon oxides (CO, CO₂)
Nitrogen oxides
Hydrochloric acid.

5.3. Advice for firefighters

Firefighting instructions	: Isolate fire area. Evacuate downwind Contain the extinguishing fluids by bunding (the product is hazardous for the environment) Do not breathe fumes.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment Self-contained breathing apparatus Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

6.2. Environmental precautions

Do not allow product to spread into the environment
Contain the spilled material by bunding (product is hazardous for the environment).

6.3. Methods and material for containment and cleaning up

For containment	: Avoid creating or spreading dust Spray with water Recover the product with absorbent material Absorb spillage with: Sand/earth Neutralize non-recoverable product with : a solution of caustic or soda ash, and an appropriate alcohol (methanol, ethanol or isopropanol).
Methods for cleaning up	: Wash with plenty of water and detergent.
Other information	: Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Dust extraction (suction).
Hygiene measures	: Do not drink, eat or smoke in the workplace Always wash hands after handling the product Always take a shower after work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container tightly closed and dry Store in a cool, well-ventilated place Keep away from ignition sources Keep out of the reach of children Keep away from food, drink and animal feeding stuffs.
Packaging materials	: Original packaging.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station Extraction to remove dust at its source.
Hand protection	: Handling the product : Nitrile-rubber protective gloves Neoprene protective gloves
Eye protection	: If dust are formed : Safety spectacles with side shields
Skin and body protection	: Handling large quantities of product: Impermeable suit (Hypalon, Tyvek, Saranex, PVC...), Safety foot-wear
Respiratory protection	: In the event of insufficient ventilation: Filtering respiratory protective device with a pesticide canister

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pellet.
Colour	: Brown.
Odour	: slight Phenol.
Odour threshold	: Not applicable
pH	: 5,7
pH solution	: 1 % (Aqueous dispersion)
Relative evaporation rate (butyl acetate=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: Not applicable to this kind of formulation
Auto-ignition temperature	: Not determined

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Decomposition temperature	: Not applicable
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: 0,44
Solubility	: Water: completely soluble
Log Pow	: No data available
Viscosity, kinematic	: Not applicable to this kind of formulation
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing material.
Explosive limits	: No data available

9.2. Other information

Additional information : No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

May decompose : on heating.

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

AIM	
LD50 oral rat	569 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Causes serious eye damage.
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) Carfentrazone-ethyl : No mutagenic effects were noted
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met) Carfentrazone-ethyl : No carcinogenic effect was noted
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met) Carfentrazone-ethyl : Fertility and development toxicity tests did not reveal any effect on reproduction
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)

Carfentrazone-ethyl (128639-02-1)	
NOAEL, rat	50 ppm (3 mg/kg bw/day 2 years)

Aspiration hazard : Not classified (Technical impossibility to obtain the data)

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.

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LC50 fish	60,8 mg/l
ErC50 (algae)	1,02 mg/l/72h
NOEC chronic algae	0,14 mg/l

12.2. Persistence and degradability

Mecoprop-P (16484-77-8)	
Persistence and degradability	Half-life (in soil) : 12 days.

Carfentrazone-ethyl (128639-02-1)	
Persistence and degradability	Half-life (in water) : 8.3 days (pH = 5) Half-life (in soil) : < 1.5 days.

12.3. Bioaccumulative potential

Mecoprop-P (16484-77-8)	
BCF	3
Log Pow	-0,19 - 1,44 (pH=5-9)

Carfentrazone-ethyl (128639-02-1)	
BCF	159
Log Pow	3,36 (20°C)

12.4. Mobility in soil

Carfentrazone-ethyl (128639-02-1)	
Ecology - soil	Very mobile.

12.5. Results of PBT and vPvB assessment

Component	
Carfentrazone-ethyl (128639-02-1)	Moderately persistent

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Discharging into rivers and drains is forbidden
Dispose of in accordance with relevant local regulations
Incinerate at a licensed installation.

Waste disposal recommendations : Do not re-use empty containers.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 3077
UN-No. (IMDG) : 3077
UN-No. (IATA) : 3077

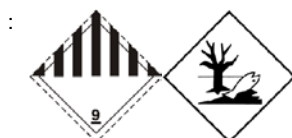
14.2. UN proper shipping name

Transport document description : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Carfentrazone-ethyl(128639-02-1) ; Mecoprop-P(16484-77-8)), 9, III, (E)

14.3. Transport hazard class(es)

Transport hazard class(es) : 9

Hazard labels : 9



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14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : Dangerous for the environment

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : M7
Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : E

- Transport by sea

Special provisions (IMDG) : 274, 335, 966, 967

- Air transport

Special provisions (IATA) : A97, A158, A179

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 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

No additional information available

15.2. Chemical safety assessment

A chemical safety assessment acc. to art. 14 of Regulation (EC) No 1907/2006 is not required, because art. 15 of the same regulation applies

SECTION 16: Other information

Indication of changes:

This sheet was updated (refer to the date at the top of this page)
SDS changed section(s) : 2-3.

Other information : FMC is a registered trademark of FMC Corporation.

Full text of H- and EUH-statements:

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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed
H318	Causes serious eye damage
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
EUH401	To avoid risks to human health and the environment, comply with the instructions for use

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product