

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

#### 1.1. Product identifier

CA Code (Nufarm)	: 2134
Oracle Recipe Code (Nufarm)	: 600000549
Item codes	: 100002814; 100004261
Product form	: Mixture
Trade name	: MAGDILON SUPER 25 EC
Type (Nufarm)	: Country Specific
Country (Nufarm)	: Israel

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec	: Plant growth regulator
Use of the substance/mixture	:

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Nufarm S.A.S.  
28 boulevard Zéphirin Camélinat  
92230 Gennevilliers - France  
T +330140855050 - F +330147922545  
[FDS@nufarm.com](mailto:FDS@nufarm.com)

#### 1.4. Emergency telephone number

Emergency number : Organisme Français INRS : +33 1 45 42 59 59; Nufarm S.A.S. : +33 1 40 85 51 15

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

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

##### Adverse physicochemical, human health and environmental effects

May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye damage. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene; dichlorprop-P 2-EHE; Alkyl benzen sulfonate in 2-ethylhexanol

Hazard statements (CLP) :

H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H336 - May cause drowsiness or dizziness.

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautionary statements (CLP)	: H411 - Toxic to aquatic life with long lasting effects. : P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 - Do NOT induce vomiting.
EUH-statements	: EUH208 - Contains dichlorprop-P 2-EHE. May produce an allergic reaction. EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

### 2.3. Other hazards

No additional information available

## SECTION 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]
Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene	(CAS-No.) 64742-94-5 (EC-No.) 922-153-0 (REACH-no) 01-2119451097-39	75% - 100%	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Alkyl benzen sulfonate in 2-ethylhexanol	(CAS-No.) 90194-26-6	1% - 5%	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412
dichlorprop-P 2-EHE	(CAS-No.) 865363-39-9	4,1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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 victim to fresh air.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water. Take off immediately all contaminated clothing.
First-aid measures after eye contact	: If eye irritation persists: Consult an eye specialist. Immediately rinse with water for a prolonged period while holding the eyelids wide open.
First-aid measures after ingestion	: Rinse mouth out with water. If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: high volume water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Fire will produce dense black smoke. Decomposition products may be a hazard to health.
Hazardous decomposition products in case of fire	: Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Contain the extinguishing fluids by bunding.
- Protection during firefighting : Wear a self contained breathing apparatus. Wear recommended personal protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Refer to chapter 8.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
- Other information : Never return spills in original containers for possible later re-use.

### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in original container. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store locked up. Store in a well-ventilated place.

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Hand protection:

Nitrile rubber gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Long sleeved protective clothing

#### Environmental exposure controls:

Notify authorities if product enters sewers or public waters. Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : Yellow.
- Odour : aromatic.
- Odour threshold : No data available
- pH : 6,55 CIPAC MT 75.2

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

pH solution concentration	: 1 % Aqueous solution
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: ≈ 64,5 °C Test method EU A.9
Auto-ignition temperature	: 450 °C Test method EU A.15
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: Not applicable
Relative density	: 0,904 Test method EU A.3
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 2,04 - 2,24 mPa·s (OECD 114 method)
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7).

### 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

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

MAGDILON SUPER 25 EC	
LD50 oral rat	> 2000 mg/kg (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat (mg/l)	> 5,12 mg/l/4h 2,4-DP-2EHE
Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene (64742-94-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 4778 mg/m <sup>3</sup>
dichlorprop-P 2-EHE (865363-39-9)	
LD50 oral rat	824 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 4,1 mg/l

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Skin corrosion/irritation	: Causes skin irritation. pH: 6,55 CIPAC MT 75.2
Additional information	: rabbit Irritating (OECD 404 method)
Serious eye damage/irritation	: Causes serious eye damage. pH: 6,55 CIPAC MT 75.2
Additional information	: rabbit Causes serious eye damage. (OECD 405 method)
Respiratory or skin sensitisation	: Did not cause sensitisation
Additional information	: (OECD 429 method)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

#### Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene (64742-94-5)

LC50 96h fish	3,6 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 48h crustacea	1,1 mg/l Daphnia magna (Water flea)
EC50 72h algae	0,22 mg/l Pseudokirchneriella subcapitata

#### dichlorprop-P 2-EHE (865363-39-9)

LC50 96h fish	10,2 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 96h fish	7,9 mg/l Lepomis macrochirus (Bluegill)
EC50 48h crustacea	> 1,5 mg/l Daphnia magna (Water flea)
EC50 72h algae	2,4 mg/l Selenastrum capricornutum
ErC50 (algae)	6,7 mg/l Selenastrum capricornutum (14 d)
NOEC (chronic)	2,15 mg/l Lepomis macrochirus (Bluegill)
NOEC chronic fish	3,16 mg/l Oncorhynchus mykiss (Rainbow trout)
NOEC chronic algae	0,23 mg/l Selenastrum capricornutum (green algae)
NOEC, Lemna gibba (gibbous duckweed)	> 5.55 mg/l
NOEC chronic crustacea, Chronic toxicity, Daphnia magna (Water flea)	0.21 mg/l (tested substance : dichlorprop-P acid)

### 12.2. Persistence and degradability

#### Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene (64742-94-5)

Biodegradation	69,99 % 28D
----------------	-------------

#### dichlorprop-P 2-EHE (865363-39-9)

Persistence and degradability	Readily biodegradable. (tested substance : dichlorprop-P (ISO); (+)-R-2-(2,4-dichlorophenoxy)propionic acid).
-------------------------------	---

### 12.3. Bioaccumulative potential

#### dichlorprop-P 2-EHE (865363-39-9)

Log Pow	> 3,84 @ pH 7
---------	---------------

### 12.4. Mobility in soil

#### MAGDILON SUPER 25 EC

Surface tension	30 mN/m Test method EU A.5
-----------------	----------------------------

### 12.5. Results of PBT and vPvB assessment

No additional information available

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 12.6. Other adverse effects

No additional information available



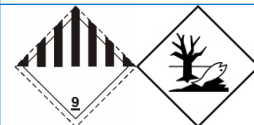
## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Special local collectors can exist.  
Sewage disposal recommendations : Disposal must be done according to official regulations. Do not discharge into drains.  
Product/Packaging disposal recommendations : Do not re-use empty containers.

## SECTION 14: Transport information

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

ADR	IMDG	IATA
<b>14.1. UN number</b>		
3082	3082	3082
<b>14.2. UN proper shipping name</b>		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene)	Environmentally hazardous substance, liquid, n.o.s. (Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene)
<b>Transport document description (ADR)</b>		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Hydrocarbons, C10-C13, Aromatics, <1% Naphthalene), 9, III
<b>14.3. Transport hazard class(es)</b>		
9	9	9
		
<b>14.4. Packing group</b>		
III	III	III
<b>14.5. Environmental hazards</b>		
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

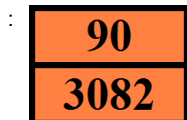
Classification code (ADR) : M6  
Special provisions (ADR) : 274, 335, 375, 601  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Special packing provisions (ADR) : PP1  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk 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

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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) : 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  
Flash point (IMDG) : 65 °C

### - 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

## 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

##### France

Other information, restrictions and prohibition regulations : 4511

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
4511.text	Dangereux pour l'environnement aquatique de catégorie chronique 2.		

##### 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)

# MAGDILON SUPER 25 EC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Netherlands

SZW-lijst van kankerverwekkende 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 – Borstvoeding	: 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

Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

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 Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains . May produce an allergic reaction.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

### NUFARM SDS TEMPLATE

*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.*