

## Granstar® Combi

Version 1.0

Revision Date 03.01.2018

Ref. 130000115818

This Safety Data Sheet adheres to the standards and regulatory requirements of Portugal and may not meet the regulatory requirements in other countries.

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

#### 1.1. Product identifier

Product name : Granstar® Combi  
Synonyms : B12469966  
DPX-MUR05 74.4SG

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

Use of the Substance/Mixture : Herbicide

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

Company : Cheminova AGRO S.A.U.  
Paseo de la Castellana 257, 5ª Planta  
28046 Madrid  
Spain

E-mail address : SDS.Ronland@fmc.com

#### 1.4. Emergency telephone number

##### Medical emergencies:

Austria: +43 1 406 43 43	Netherlands: +31 30 274 88 88
Belgium: +32 70 245 245	Norway: +47 22 591300
Bulgaria: +359 2 9154 409	Poland: +48 22 619 66 54
Cyprus: 1401	+48 22 619 08 97
Czech Republic: +420 224 919 293	Portugal: 808 250 143 (in Portugal only)
+420 224 915 402	+351 21 330 3284
Denmark: +45 82 12 12 12	Romania: +40 21318 3606
France: +33 (0) 1 45 42 59 59	Slovakia: +421 2 54 77 4 166
Finland: +358 9 471 977	Slovenia: +386 41 650 500
Greece: 30 210 77 93 777	Spain: +34 91 562 04 20
Hungary: +36 80 20 11 99	Sweden: +46 08-331231
Ireland (Republic): +352 1 809 2166	112
Italy: +39 02 6610 1029	Switzerland: 145
Lithuania: +370 523 62052	United Kingdom: 0870 600 6266 (in the UK only)
+370 687 53378	U.S.A. & Canada: +1 800 / 331-3148 (ProPharma)
Luxembourg: +352 8002 5500	All other countries: +1 651 / 632-6793 (ProPharma - Collect)

##### For fire, leak, spill or other accident emergencies:

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

### SECTION 2: Hazards identification

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

Acute toxicity, Category 4	H302: Harmful if swallowed.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Serious eye damage/eye irritation, Category 2	H319: Causes serious eye irritation.
Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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**Warning**

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.

Special labelling of certain substances and mixtures

EUH210: Safety data sheet available on request., EUH401: To avoid risks to human health and the environment, comply with the instructions for use.,

P102	Keep out of reach of children.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container to a hazardous-waste collection site.

Special labelling of certain substances and mixtures

This product cannot be used with a manual sprayer., The empty packages must be washed 3 times, disposed of and placed in an appropriate location to be picked up. Washing waters must be used in the mixture preparation., This product is meant for professional use.

SP 1	Do not contaminate water with the product or its container.
Spe3a	To protect aquatic organisms, do not apply in fields next to surface waters.

**2.3. Other hazards**

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).  
This product is destined for farmers and other pharmaceutical products users.

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable

**3.2. Mixtures**

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Registration number	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration (% w/w)
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**Mecoprop-P (CAS-No.16484-77-8) (EC-No.240-539-0)**

	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 2; H411	73,4 %
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**Tribenuron methyl (CAS-No.101200-48-0) (EC-No.401-190-1)  
(M-Factor : 100[Acute] 100[Chronic])**

	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0,96 %
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**Methylamine (di-)...% (CAS-No.124-40-3) (EC-No.204-697-4)**

	Flam. Liq. 1; H224 Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Corr. 1B; H314 STOT SE 3; H335	$\geq 1 - < 5$ %
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The above products are compliant to REACH registration obligations; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

- General advice : Never give anything by mouth to an unconscious person.
- Inhalation : Move to fresh air. Consult a physician after significant exposure. Artificial respiration and/or oxygen may be necessary.
- Skin contact : Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.
- Eye contact : If easy to do, remove contact lens, if worn. Hold eye open and rinse slowly and gently with water for 15-20 minutes. If eye irritation persists, consult a specialist.
- Ingestion : Obtain medical attention. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If victim is conscious: Rinse mouth with water.

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

- Symptoms : No cases of human intoxication are known and the symptoms of experimental intoxication are not known.

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

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Treatment : Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

Extinguishing media which shall not be used for safety reasons : High volume water jet, (contamination risk)

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

Specific hazards during firefighting : Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO<sub>2</sub>) Nitrogen oxides (NO<sub>x</sub>)

#### 5.3. Advice for firefighters

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

: (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

### SECTION 6: Accidental release measures

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

Personal precautions : Control access to area. Keep people away from and upwind of spill/leak. Avoid dust formation. Avoid breathing dust. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.

#### 6.2. Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so. Use appropriate container to avoid environmental contamination. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. If the spill area is porous, the contaminated material must be collected for subsequent treatment or disposal. If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Clean-up methods - small spillage Sweep up or vacuum up spillage and collect in suitable container for disposal.

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Clean-up methods - large spillage Avoid dust formation. Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13). If spill area is on ground near valuable plants or trees, remove 5 cm of top soil after initial clean-up.

Other information : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### 6.4. Reference to other sections

For personal protection see section 8., For disposal instructions see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

Use only according to our recommendations. Use only clean equipment. Avoid contact with skin, eyes and clothing. Do not breathe dust or spray mist. Wear personal protective equipment. For personal protection see section 8. Prepare the working solution as given on the label(s) and/or the user instructions. Use prepared working solution as soon as possible - Do not store. Provide appropriate exhaust ventilation at places where dust is formed.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition. Avoid dust formation in confined areas. During processing, dust may form explosive mixture in air.

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

Requirements for storage areas and containers : Keep away from food, drink and animal feedingstuffs. Store in a place accessible by authorized persons only. Store in original container. Keep in properly labelled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Advice on common storage : No special restrictions on storage with other products.

Other data : Stable under recommended storage conditions.

### 7.3. Specific end use(s)

Plant protection products subject to Regulation (EC) No 1107/2009.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

If sub-section is empty then no values are applicable.

#### Components with workplace control parameters

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Type Form of exposure	Control parameters	Update	Regulatory basis	Remarks
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**Magnesium oxide (CAS-No. 1309-48-4)**

Time Weighted Average (TWA): Inhalable fraction.	10 mg/m3	2007	Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)	
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**Methylamine (di-)...% (CAS-No. 124-40-3)**

Time Weighted Average (TWA):	3,8 mg/m3 2 ppm	12 2009	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU	Indicative
Short term exposure limit	9,4 mg/m3 5 ppm	12 2009	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU	Indicative
Time Weighted Average (TWA):	3,8 mg/m3 2 ppm	2001	Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)	
Short term exposure limit	9,4 mg/m3 5 ppm	2001	Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)	
Short term exposure limit	15 ppm	2004	Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)	
Time Weighted Average (TWA):	5 ppm	2004	Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)	

**8.2. Exposure controls**

- Engineering measures : Ensure adequate ventilation, especially in confined areas. Provide for appropriate exhaust ventilation and dust collection at machinery.  
Contains no substances with occupational exposure limit values.
- Eye protection : Safety glasses with side-shields conforming to EN166
- Hand protection : Material: Nitrile rubber  
Glove thickness: 0,4 - 0,7 mm  
Glove length: Gauntlets of 35 cm long or longer.  
Protection index: Class 6  
Wearing time: > 480 min  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Gauntlets of 35 cm long or longer shall be worn over the combination sleeve. Before removing gloves clean them with soap and water.
- Skin and body protection : Manufacturing and processing work: Full protective clothing Type 5 (EN 13982-2)  
Mixer and loaders must wear: Full protective clothing Type 5 + 6 (EN ISO 13982-2 / EN 13034) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).  
Field and greenhouse application: Spray application - outdoor: Tractor / sprayer with hood: No personal body protection normally required.  
Tractor / sprayer without hood: Low application: Nitrile rubber boots (EN 13832-

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3 / EN ISO 20345). Full protective clothing Type 5 + 6 (EN ISO 13982-2 / EN 13034)

Backpack / knapsack sprayer: Low application: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

Mechanical automatized spray application in closed tunnel: No personal body protection normally required.

When exceptional circumstances would require an access to the treated area before the end of re-entry periods, wear full protective clothing Type 6 (EN 13034), nitrile rubber gloves class 2 (EN 374) and nitrile rubber boots (EN 13832-3 / EN ISO 20345).

To optimize the ergonomics it may be recommended to use cotton underwear when wearing some fabrics. Take advice from supplier.

Garment materials that are resistant to both water vapour and air will maximise wearing comfort. Materials should be robust to maintain the integrity and barrier in use.

The permeation resistance of the fabric must be verified independently of the « type » protection recommended, to ensure an appropriate performance level of the material adequate to the corresponding agent and type of exposure.

Protective measures	: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage or if contaminated. Only protected handlers may be in the area during application.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing. Keep working clothes separately. Contaminated work clothing should not be allowed out of the workplace. For environmental protection remove and wash all contaminated protective equipment before re-use. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing. Dispose of rinse water in accordance with local and national regulations. Wash hands before breaks and at the end of workday.
Respiratory protection	: Manufacturing and processing work: Half mask with a particle filter FFP1 (EN149) Mixer and loaders must wear: Half mask with a particle filter FFP1 (EN149) Spray application - outdoor: Tractor / sprayer with hood: No personal respiratory protective equipment normally required. Tractor / sprayer without hood: Low application: Half mask with a particle filter FFP1 (EN149) Backpack / knapsack sprayer: Low application: Half mask with a particle filter P1 (EN 143). Mechanical automatized spray application in closed tunnel: No personal respiratory protective equipment normally required.

### SECTION 9: Physical and chemical properties

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

Form	: solid, granular
Colour	: light brown
Odour	: mild, lignin like



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Odour Threshold	: not determined
pH	: 6,5 at 10 g/l ( 20 °C), Method: CIPAC MT 75.3
Melting point	: no data available
Boiling point/boiling range	: Not applicable
Flash point	: Not applicable
Thermal decomposition	: Not available for this mixture.
Auto-ignition temperature	: Not available for this mixture.
Oxidizing properties	: The product is not oxidizing.
Lower explosion limit/ lower flammability limit	: Not available for this mixture.
Upper explosion limit/ upper flammability limit	: Not available for this mixture.
Vapour pressure	: Not available for this mixture.
Relative density	: Not available for this mixture.
Bulk density	: 745 kg/m <sup>3</sup> , packed
Water solubility	: soluble
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: Not applicable
Relative vapour density	: Not applicable
Evaporation rate	: Not applicable

### 9.2. Other information

Phys.-chem./other information : No other data to be specially mentioned.

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	: No hazards to be specially mentioned.
<b>10.2. Chemical stability</b>	: The product is chemically stable under recommended conditions of storage, use and temperature.
<b>10.3. Possibility of hazardous reactions</b>	: No dangerous reaction known under conditions of normal use. Polymerization will not occur. No decomposition if stored and applied as directed.



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- 10.4. Conditions to avoid** : Exposure to moisture Decomposes slowly on exposure to water. To avoid thermal decomposition, do not overheat. Under severe dusting conditions, this material may form explosive mixtures in air.
- 10.5. Incompatible materials** : Strong oxidizing agents  
Strong bases
- 10.6. Hazardous decomposition products** : No materials to be especially mentioned.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

LD50 / Rat : 310,2 mg/kg

Method: OECD Test Guideline 425

(Data on the product itself) Information source: Internal study report

#### Acute inhalation toxicity

- Mecoprop-P  
LC50 / 4 h Rat : > 5,6 mg/l
- Tribenuron methyl  
LC50 / 4 h Rat : > 6,0 mg/l
- Methylamine (di-)...%  
LC50 / 4 h Rat : 9,9 mg/l  
Respiratory tract irritation

#### Acute dermal toxicity

LD50 / Rat : > 5 000 mg/kg

Method: OECD Test Guideline 402

(Data on the product itself) Information source: Internal study report

#### Skin irritation

Rabbit

Result: No skin irritation

Method: OECD Test Guideline 404

(Data on the product itself) Information source: Internal study report

#### Eye irritation

Rabbit

Result: Irritating to eyes.

Method: OECD Test Guideline 405

(Data on the product itself) Information source: Internal study report

#### Sensitisation

Guinea pig Maximisation Test (GPMT)

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Result: Causes sensitisation.

Method: OECD Test Guideline 406

(Data on the product itself) Information source: Internal study report

### Repeated dose toxicity

- Tribenuron methyl

The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.

Oral - feed Mouse

Exposure time: 90 d

NOAEL: 500 mg/kg

Reduced body weight gain

Oral Rat

Exposure time: 28 d

Reduced body weight gain

- Methylamine (di-)...%

Inhalation Rat

Respiratory tract irritation

### Mutagenicity assessment

- Mecoprop-P

Did not show mutagenic effects in animal experiments.

- Tribenuron methyl

Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

- Methylamine (di-)...%

Animal testing did not show any mutagenic effects. Overall weight of evidence indicates that the substance is not mutagenic.

### Carcinogenicity assessment

- Mecoprop-P

Did not show carcinogenic effects in animal experiments.

- Tribenuron methyl

Not classifiable as a human carcinogen. An increased incidence of tumours was observed in laboratory animals. Target(s): Mammary glands

- Methylamine (di-)...%

Not classifiable as a human carcinogen. Animal testing did not show any carcinogenic effects.

### Toxicity to reproduction assessment

- Mecoprop-P

Animal testing did not show any effects on fertility.

- Tribenuron methyl

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No toxicity to reproduction

- Methylamine (di-)...%  
No toxicity to reproduction

Assessment teratogenicity

- Methylamine (di-)...%  
Evidence suggests the substance is not a developmental toxin in animals.

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxicity to fish

static test / LC50 / 96 h / Oncorhynchus mykiss (rainbow trout): > 70,7 mg/l  
Method: OECD Test Guideline 203  
(Data on the product itself)

Toxicity to aquatic plants

static test / EbC50 / 72 h / Pseudokirchneriella subcapitata (green algae): 0,98 mg/l  
Method: OECD Test Guideline 201  
(Data on the product itself) Information source: Internal study report

Toxicity to aquatic invertebrates

static test / EC50 / 48 h / Daphnia (water flea): > 100 mg/l  
Method: OECD Test Guideline 202  
(Data on the product itself) Information source: Internal study report

Toxicity to other organisms

LD50 / 48 h / Apis mellifera (bees): > 0,080 mg/kg  
Method: OECD Test Guideline 213  
Oral (Data on the product itself) Information source: Internal study report

LD50 / 48 h / Apis mellifera (bees): > 0,100 mg/kg  
Method: OECD Test Guideline 214  
Contact (Data on the product itself) Information source: Internal study report

Chronic toxicity to fish

- Tribenuron methyl  
NOEC / 21 d / Oncorhynchus mykiss (rainbow trout): > 560 mg/l  
  
Early Life-Stage / NOEC / 62 d / Oncorhynchus mykiss (rainbow trout): 11,9 mg/l  
Method: OECD Test Guideline 204  
Information source: Internal study report

Chronic toxicity to aquatic Invertebrates

- Tribenuron methyl  
NOEC / 21 d / Daphnia magna (Water flea): 120 mg/l

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NOEC / 21 d / Daphnia magna (Water flea): 120 mg/l

Method: OECD Test Guideline 202

Information source: Internal study report

### 12.2. Persistence and degradability

#### Biodegradability

Not readily biodegradable. Estimation based on data obtained on active ingredient.

### 12.3. Bioaccumulative potential

#### Bioaccumulation

Does not bioaccumulate. Estimation based on data obtained on active ingredient.

### 12.4. Mobility in soil

#### Mobility in soil

Under actual use conditions the product has a low potential of mobility in soil.

### 12.5. Results of PBT and vPvB assessment

#### PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). / This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

### 12.6. Other adverse effects

#### Additional ecological information

No other ecological effects to be specially mentioned See product label for additional application instructions relating to environmental precautions.

See product label for additional application instructions relating to environmental precautions.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product : In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Do not re-use empty containers.

The empty packages must be washed 3 times, closed, disposed of and placed in appropriate bags to be picked up, these bags must be delivered to a VALORFITO collection center; washing waters must be used in the mixture preparation.

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### SECTION 14: Transport information

#### ADR

- 14.1. UN number: 3077  
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Mecoprop-P, Tribenuron methyl)  
14.3. Transport hazard class(es): 9  
14.4. Packing group: III  
14.5. Environmental hazards: For further information see Section 12.  
14.6. Special precautions for user:  
Tunnel restriction code: (E)

#### IATA\_C

- 14.1. UN number: 3077  
14.2. UN proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Mecoprop-P, Tribenuron methyl)  
14.3. Transport hazard class(es): 9  
14.4. Packing group: III  
14.5. Environmental hazards : For further information see Section 12.  
14.6. Special precautions for user:  
FMC internal recommendations and transport guidance: ICAO / IATA cargo aircraft only

#### IMDG

- 14.1. UN number: 3077  
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Mecoprop-P, Tribenuron methyl)  
14.3. Transport hazard class(es): 9  
14.4. Packing group: III  
14.5. Environmental hazards : Marine pollutant  
14.6. Special precautions for user:  
no data available

- 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

Other regulations : The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008. Take note of Dir 94/33/EC on the protection of young people at work. Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers. Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Take note of Directive 96/82/EC on the control of major-accident hazards involving dangerous substances. Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

#### EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC)

Listed Substance : Methylamine (di-)...% (CAS-No.124-40-3) (EC-No.204-697-4)  
List number: : 40

For information on uses please refer to Section 1.

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For further information please refer to the list number in the regulation and relevant amendments.

### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not required for this/these products  
The mixture is registered as a plant protection product under Regulation (EC) No. 1107/2009.  
Refer to the label for exposure assessment information.

## SECTION 16: Other information

### Full text of H-Statements referred to under section 3.

H224	Extremely flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
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.

Other information professional use

### Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
CAS-No.	Chemical Abstracts Service number
CLP	Classification, Labelling and Packaging
EbC50	Concentration at which 50% reduction of biomass is observed
EC50	Median effective concentration
EN	European Norm
EPA	Environmental Protection Agency
ErC50	Concentration at which a 50% inhibition of growth rate is observed
EyC50	Concentration at which 50 % inhibition of yield is observed
IATA_C	International Air Transport Association (Cargo)
IBC	International Bulk Chemical Code
ICAO	International Civil Aviation Organization
ISO	International Standard Organization
IMDG	International Maritime Dangerous Goods
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest observed effect level
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No observed adverse effect level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
OPPTS	Office of Prevention, Pesticides and Toxic Substances

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PBT	Persistent, Bioaccumulative and Toxic
STEL	Short term exposure limit
TWA	Time Weighted Average (TWA):
vPvB	very Persistent and very Bioaccumulative

### Further information

Before use read FMC's safety information., Take notice of the directions of use on the label.  
Significant change from previous version is denoted with a double bar.

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