



Safety Information

Thor

Herbicide containing 500 g/kg tribenuron methyl

May cause an allergic skin reaction

Very toxic to aquatic life with long lasting effects.

Wear protective gloves/ protective clothing.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

Collect spillage.

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

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

PCS No. 03991



WARNING

THOR

herbicide

A soluble granule containing 500 g/kg tribenuron-methyl, a sulfonylurea, for broad-leaved weed control in wheat, oats, barley, durum wheat, triticale, winter rye and set-aside areas.

PCS No: 03991

Contents:

120 g^e



FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

Maximum individual dose: 30 g/ha

Crops: wheat, barley, oats, winter rye, durum wheat, triticale and set-aside areas.

Latest time of application: GS39

Method of application: Ground sprayer

READ DIRECTIONS FOR USE ON INNER PAGES

Manufactured in E.U.

K-35655/31501 - IRELAND

Emergency 24-hour contact: 00 44 1274 696 603

National Poisons Information Service : 01 837 9964 or 01 809 2166

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A soluble granule containing 500 g/kg tribenuron-methyl, a sulfonylurea, for broad-leaved weed control in wheat, oats, barley, durum wheat, triticale, winter rye and set-aside areas.

Approval Holder: Du Pont (UK) Limited, Crop Protection Products
Wedgwood Way, STEVENAGE - Herts. SG1 4QN
Tel: 0044 1438 734450 or enquiry.agproducts@gb.dupont.com

Marketing Company:

Nu-Farm UK Ltd, Wyke Lane, Wyke, West Yorkshire BD12 9EJ United Kingdom
Technical Helpline telephone number: 00 44 1274 694 714
Fax: 00 44 1274 691 176

Emergency 24-hour contact: 00 44 1274 696 603

National Poisons Information Service : 01 837 9964 or 01 809 2166

SAFETY PRECAUTIONS

Operator protection

When using do not eat, drink or smoke

Avoid contact with skin

Wash hands before meals and after work

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).

Do not contaminate ponds, waterways or ditches with chemical or used container

Storage and Disposal

Do not re-use container for any purpose and dispose of safely

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

PCS No: 03991

DIRECTIONS FOR USE

RESTRICTIONS

- THOR should not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.
- Do not use THOR on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop.
- Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broad-leaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important - see below.
- Contract agents should be consulted before using on crops grown for seed.
- THOR should not be applied within 7 days of rolling the crop.
- Do not apply THOR more than once to any cereal crop.
- All requirements or restrictions on other product labels must be adhered to when applied to the same crop as THOR.

WEED CONTROL

THOR contains tribenuron methyl, a sulfonylurea herbicide, which works mainly by contact action and is most effective if applied when the weeds are small and actively growing. Good spray cover of the weeds must be obtained for best results. Susceptible plants cease growth almost immediately after application and symptoms can be seen about two weeks after

application. Weed control may be reduced when soil conditions are very dry. The susceptibility rating of weeds in the following table refer to good spray cover and good growing conditions

| Weed Species | Plants up to 2 expanded true leaves | Plants up to 6 expanded true leaves | Plants up to 15 cm across/high |
|---------------------|---|---|--------------------------------------|
| Charlock* | S | S | S |
| Chickweed, Common* | S | S | S |
| Dead-nettle, Red* | S | S | MR |
| Fat-hen | S | MS | MS |
| Forget-me-not* | S | S | MS |
| Fumitory* | S | S | R |
| Hemp-nettle, Common | S | S | - |
| Mayweed* | S | S | S |
| Poppy, Common* | S | S | R |
| Redshank | S | S | MS |
| Shepherd's-purse* | S | S | MS |

S = Susceptible MS = Moderately Susceptible MR = Moderately Resistant R = Resistant

* Controlled by autumn or spring application up to six true leaves

In addition to the above weeds, volunteer beans and oilseed rape will be controlled by a dose of 10g/ha.

RESISTANCE

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 resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. Development of resistance with a weed species can be avoided or delayed by alternating (or tank mixing) with suitable products having a different mode of action. For control of Corn Marigold or Chickweed this product must always be applied with an alternative mode of action product at recommended rates.

A strategy for preventing and managing resistance should be adopted. Further details and advice on how to implement such a strategy may be obtained from your crop advisor or chemical supplier. The Herbicide Resistance Action Committee (HRAC) also produced guidelines which may be consulted for additional information.

CROPS**Cereals**

THOR can be used post-emergence on all varieties of wheat, barley, oats, winter rye, durum wheat, triticale and set-aside areas at the growth stages given below.

Set Aside Areas

THOR can be used for broad-leaved weed control in set-aside land within current guidelines. Only cereals may be sown in the same calendar year to set-aside land treated with THOR.

FOLLOWING CROPS

Only cereals, oilseed rape, field beans or grass may be sown in the same calendar year as harvest of a cereal crop treated with THOR. In case of crop failure for any reason, sow only cereals within three months of application of THOR. Before sowing, soil should be ploughed and cultivated to a depth of at least 15-cm.

TIMING

THOR may be applied from the three-leaf stage (GS 13) up to and including the flag leaf fully emerged stage of growth (GS 39).

DOSE

Apply THOR at 30 grams/hectare.

VOLUME AND APPLICATION

BEFORE USING THOR, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

Application should be made in 100-200 litres of water per hectare, using suitable ground equipment to give good spray cover of the weeds. When crops are thick or weed growth is dense, use 400 litres of water per hectare. Care should be taken not to overlap spray swaths.

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MIXING

Quarter fill the spray tank with water, start the agitation and add the required quantity of THOR directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

COMPATIBILITY

In any tank-mix add THOR to the tank first and ensure it is fully dispersed before adding the partner product. Do not allow THOR to come into contact with undiluted pesticide concentrate. Products should only be tank-mixed if each product can be applied within the label recommendations for its use. For further information contact your DuPont distributor.

SPRAY TANK CLEAN-OUT

POOR CLEANOUT PRACTICES AND INSUFFICIENT WATER VOLUMES USED FOR THE RINSE PROCEDURE MAY RESULT IN INADEQUATE REMOVAL OF PRODUCT DEPOSITS. SUBSEQUENT USE OF APPLICATION EQUIPMENT IN THESE CIRCUMSTANCES MAY RESULT IN DAMAGE TO NON-CEREAL CROPS.

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING THOR THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING THE FOLLOWING PROCEDURE:

Always start with a clean tank and spray system. Clean spray equipment thoroughly immediately after use.

1. Thoroughly and completely rinse all interior tank surfaces (including lid) with water (use at least 10% of the tank capacity), taking care to remove any visible deposits. Flush pump, filters and boom after removing in-line strainers, nozzle tips and screens (clean these parts separately). Drain the remainder of the rinsate from the tank.
2. Repeat the rinse, flush and drain.
3. Dispose of washings safely. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note: Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

WARNING

EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT OF SPRAY ONTO BROAD-LEAVED PLANTS OUTSIDE THE TARGET AREA OR ONTO PONDS, WATERWAYS OR DITCHES. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

NOTICE TO BUYER

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, 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 for any damage or injury whatsoever arising from their storage, handling, application or use.

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 and 453/2010

Version 4.0 (replaces: Version 3.0) Revision Date 21.01.2015 Ref. 130000117683

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name : THOR®
 Synonyms : C12407207
 DPX-L5300 50SG

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 : Du Pont (UK) Limited
 Wedgwood Way
 Stevenage, Herts. SG1 4QN - United Kingdom

Telephone : +44 (0) 1438 734 000

E-mail address : sds-support@che.dupont.com

1.4. Emergency telephone number

Emergency telephone number : +(353)-19014670

: Poison Centres may only possess information required for products in accordance with Regulation (EC) No 1272/2008 and national legislation.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.
 Acute aquatic toxicity, Category 1 H400: Very toxic to aquatic life.
 Chronic aquatic toxicity, Category 1 H410: Very toxic to aquatic life with long lasting effects.

Sensitising
 Dangerous for the environment

R43: May cause sensitisation by skin contact.
 R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

H317 May cause an allergic skin reaction.
 H410 Very toxic to aquatic life with long lasting effects.

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Special labelling of certain substances and mixtures
 EUH401: To avoid risks to human health and the environment, comply with the instructions for use.,



Exclamation mark



Environment

P280 Wear protective gloves/ protective clothing.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

P501 Dispose of contents/container to an approved waste disposal plant in accordance with local, regional and national legislations.

SP 1 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).

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).

WARNING

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Registration number | Classification according to Directive 67/548/EEC | Classification according to Regulation (EU) 1272/2008 (CLP) | Concentration (% w/w) |
|---------------------|--|---|-----------------------|
|---------------------|--|---|-----------------------|

Tribenturon methyl (CAS-No.101200-48-0) (EC-No.401-190-1) (M-Factor : 100[Acute] 100[Chronic])

| | | | |
|--|-----------------|--|------|
| | R43 N;R50/53 | Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 | 50 % |
|--|-----------------|--|------|

Trisodium phosphate dodecahydrate (CAS-No.10101-89-0)01-2119489800-32

| | | | |
|--|-------|---|----------------|
| | C;R34 | Skin Corr. 1C; H314 Eye Dam. 1; H318 | >= 10 - < 20 % |
|--|-------|---|----------------|

Sodium carbonate (CAS-No.497-19-8) (EC-No.207-838-8)01-2119485498-19

| | | | |
|--|--------|--------------------|---------------|
| | Xi;R36 | Eye Irrit. 2; H319 | >= 1 - < 10 % |
|--|--------|--------------------|---------------|

The above products are REACH compliant; 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 R-phrases mentioned in this Section, see Section 16.

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

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SECTION 4: First aid measures

4.1. Description of first aid measures**General advice:**

Never give anything by mouth to an unconscious person. For specialist advice contact the National Poisons Information Service. Healthcare Professionals: (01) 809 2566 or (01) 837 9964 (24h per day – 365 days per year). Public Poisons Information Line: (01) 809 2166 (8am-10pm).

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**Treatment:**

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media:**

Water spray, Dry chemical, Foam, Carbon dioxide (CO₂)

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 (CO₂)
Nitrogen oxides (NO_x)

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.

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:

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

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possible - Do not store. Provide appropriate exhaust ventilation at places where dust is formed. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Avoid exceeding the given occupational exposure limits (see section 8).

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:

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

Advice on common storage:

No special restrictions on storage with other products.

Storage temperature:

< 35 °C

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.

8.2. Exposure controls

Engineering measures:

Ensure adequate ventilation, especially in confined areas. Provide for appropriate exhaust ventilation and dust collection at machinery.

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
 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

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equipment normally required. Tractor / sprayer without hood: Low application: Half mask with a particle filter FFP1 (EN149)
 Backpack / knapsack sprayer: Half mask with a particle filter FFP1 (EN149)
 Mechanical automatized spray application in closed tunnel: No personal respiratory protective equipment normally required.

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: 640 kg/m³ , packed
 Water solubility: soluble
 Partition coefficient: n-octanol/water: Not applicable
 Viscosity, kinematic: Not applicable
 Evaporation rate: Not available for this mixture.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: solid, granular
 Colour: light brown
 Odour: mild
 Odour Threshold: not determined
 pH: 8.9 at 10 g/l (20 °C)
 Melting point: Not available for this mixture.
 Flash point: Not applicable
 Flammability (solid, gas): Does not sustain combustion.
 Thermal decomposition: Not available for this mixture.
 Auto-ignition temperature: Test Type :Auto-ignition temperature, Not available for this mixture.
 Oxidizing properties: The product is not oxidizing.
 Explosive properties: Not explosive

9.2. Other information

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

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazards to be specially mentioned.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

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10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use. Polymerization will not occur. No decomposition if stored and applied as directed.

10.4. Conditions to avoid

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

No materials to be especially mentioned.

10.6. Hazardous decomposition products

Sulphur oxides

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute oral toxicity

LD50 / Rat : > 5,000 mg/kg

Method: Fixed Dose Method

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

Acute inhalation toxicity

- Tribenuron methyl

LC50 / 4 h Rat : > 6.0 mg/l

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: No eye irritation

Method: OECD Test Guideline 405

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

Sensitisation

Guinea pig

Result: Causes sensitisation.

Method: Maximisation Test (GPMT)

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

Repeated dose toxicity

- Tribenuron methyl

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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

Mutagenicity assessment

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

Carcinogenicity assessment

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

Toxicity to reproduction assessment

- Tribenuron methyl
No toxicity to reproduction

STOT - single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

The mixture does not have properties associated with aspiration hazard potential.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish

static test / LC50 / 96 h / Oncorhynchus mykiss (rainbow trout): > 120 mg/l
Method: OECD Test Guideline 203
(Data on the product itself) Information source: Internal study report

Toxicity to aquatic plants

ErC50 / 72 h / Pseudokirchneriella subcapitata (microalgae): > 0.080 mg/l
Method: OECD Test Guideline 201
(Data on the product itself) Information source: Internal study report

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EC50 / 7 d / Lemna gibba (duckweed): 0.00652 mg/l
 Method: US EPA Test Guideline OPP 122-2 & 123-2
 (Data on the product itself) Information source: Internal study report

Toxicity to aquatic invertebrates

EC50 / 48 h / Daphnia (water flea): > 120 mg/l
 Method: OECD Test Guideline 202
 (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

Chronic toxicity to aquatic Invertebrates

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

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, there is no reasonable expectation of any movement of the product from the top soil layer.

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.

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.

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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. (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. (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: DuPont 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. (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 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 Dir 92/85/EEC on the safety and health at work of pregnant workers. 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.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not required for this/these products

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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

Text of R-phrases mentioned in Section 3

| | |
|--------|--|
| R34 | Causes burns. |
| R36 | Irritating to eyes. |
| R43 | May cause sensitisation by skin contact. |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

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

| | |
|------|---|
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very 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 |

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