



**HARMFUL**



**DANGEROUS  
FOR THE  
ENVIRONMENT**

**FLAMMABLE.**

**HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED. IRRITATING TO RESPIRATORY SYSTEM.**

**MAY CAUSE SENSITISATION BY SKIN CONTACT.**

**VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.**

**VERY TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

**WEAR SUITABLE GLOVES.**

**AVOID CONTACT WITH SKIN.**

**THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.**

**USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.**

**IF SWALLOWED, DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.**

**To avoid risks to man and the environment, comply with the instructions for use.**

**COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED # IS A LEGAL REQUIREMENT**

**FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE**

**Crops/Situations:**

Winter wheat, winter barley, winter and spring linseed, swede, turnip, kale, cabbage, Brussels sprout, cauliflower, broccoli, calabrese, spring oilseed rape, mustard, carrot, parsnip, parsley, broad bean, field beans, strawberry maidens, raspberry maidens, winter oilseed rape, sugar beet, dwarf French, navy and runner beans, seeded and transplanted lettuce

**Maximum Individual Dose:** }

Full details are given in the Statutory

**Maximum Number of Treatments:** }

Area on the attached leaflet

**Latest Time of Application:** }

**READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE.**

**Dow AgroSciences**  
**TREFLAN\***

**HERBICIDE**

Product Registration Number:

MAFF 05817 (PCS No. 91438).

An emulsifiable concentrate containing  
480 g/litre (46% w/w) trifluralin.

A soil incorporated or surface applied residual herbicide for the control of **ANNUAL GRASSES** and many **BROAD-LEAVED WEEDS** in a wide range of **FODDER, CEREAL, VEGETABLE, OILSEED and SOFT FRUIT CROPS.**

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

**READ DIRECTIONS FOR USE ON ATTACHED LEAFLET. DO NOT RE-USE CONTAINER for any purpose.**

**SHAKE WELL BEFORE USE.**

**10 Litres e**

Dow AgroSciences Limited

Latchmore Court, Brand Street, Hitchin,

Hertfordshire SG5 1NH.

Telephone: Hitchin (01462) 457272

Fax: (01462) 426605

24 hour Emergency Telephone Number:

+44 (0) 1553 761 251

This label is compliant with the CPA  
Voluntary Initiative Guidance.



**SAFETY  
PRECAUTIONS**



**Operator protection:**

**WASH CONCENTRATE**

from skin or eyes immediately.

**AVOID ALL CONTACT BY MOUTH.**

**DO NOT BREATHE SPRAY.**

**WASH HANDS AND EXPOSED SKIN**

before meals and after work.

**Storage and disposal:**

**KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.**

**WASH OUT CONTAINER**

**THOROUGHLY, empty washings into spray tank, and dispose of safely.**

**STORAGE CONDITIONS**

**AVOID FREEZING - STORE ABOVE 5°C (41°F).**

**DO NOT STORE NEAR HEAT OR FLAME.**

**DO NOT RE-USE CONTAINER for any purpose.**

**SHAKE WELL BEFORE USE**

P 0 0 1 3 3 1 9 7 0 6



# DIRECTIONS FOR USE

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

## COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED # IS A LEGAL REQUIREMENT

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE

<b>Crops</b>	<b>Maximum Individual Dose</b>	<b>Maximum Number of Treatments</b>	<b>Latest Time of Application</b>
Winter wheat, winter barley	2.3 litres product per hectare	One per crop	Before 4 leaf stage
Winter linseed	1.75 litres product per hectare	One per crop	Pre-emergence of the crop
Spring linseed	1.75 litres product per hectare	One per crop	Pre-drilling of the crop
Swede, turnip, kale, cabbage, Brussels sprout, cauliflower, broccoli, calabrese, spring oilseed rape, mustard, carrot, parsnip, parsley, broad bean, field beans, strawberry maidens, raspberry maidens	2.3 litres product per hectare	One per crop	Pre-drilling or pre-transplanting of the crop
Winter oilseed rape	2.3 litres product per hectare	One per crop	Pre-emergence of the crop
Sugar beet	2.3 litres product per hectare	One per crop	Before 8 leaf stage
Dwarf French, navy and runner beans	1.75 litres product per hectare	One per crop	Pre-drilling or pre-transplanting of the crop
Seeded and transplanted lettuce	1.2 litres product per hectare	One per crop	Pre-drilling or pre-transplanting of the crop

**READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS OF USE BEFORE USE.**

## WEEDS CONTROLLED

The following weeds will be controlled by TREFLAN\* herbicide applied at 2.3 litres/ha.

### Susceptible

Annual meadow-grass	Henbit dead-nettle
Black-bindweed	Knotgrass
Black-grass	Pale persicaria
Common chickweed	Redshank
Common hemp-nettle	Scarlet pimpernel
Fat-hen	Speedwell

### Moderately Susceptible

Common fumitory	Red dead-nettle
Common orache	Small nettle
Corn spurrey	Wild-oat

### Resistant

Black nightshade	Groundsel
Charlock	Mayweeds
Cleavers	Shepherd's-purse
Corn marigold	Smooth sow-thistle
Field penny-cress	Wild radish

\*Trademark of Dow AgroSciences LLC

#### Notes

1. All established annual and perennial weeds are resistant.
2. Under dry conditions, redshank has the ability to germinate from below the treated area.
3. Wild-oat seeds germinating below the TREFLAN treated zone will not be controlled.
4. At rates below 2.3 litres/ha some of the above weeds may not be satisfactorily controlled and a suitable follow-up herbicide must be applied.  
Strains of some annual grasses (eg black-grass, wild-oat, and Italian ryegrass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer.

### SUCCEEDING CROPS

**IMPORTANT:** Before drilling or planting subsequent crops, the soil must be mouldboard ploughed to a depth of not less than 150 mm. This is most important after a dry season.

Only recommended crops (not sugar beet) may be safely drilled or planted within 5 months of TREFLAN treatment.

Sugar beet: twelve months must elapse following TREFLAN application before sugar beet is drilled.

Winter wheat may be sown following French beans after 4 months, provided the soil has been ploughed.

After the autumn application of TREFLAN, cereals or grass should not be sown until the following autumn.

### WINTER WHEAT AND WINTER BARLEY

#### DO NOT INCORPORATE

TREFLAN may be used pre- or post-emergence up to the 3 leaf stage (GS 13) either alone or in combination on winter wheat and winter barley.

Best weed control will be achieved when applied pre-emergence to the weeds.

When used pre-emergence on early drilled crops in September and October, when weeds germinate rapidly, application is recommended within three days of drilling.

Only one application may be made per crop.

#### RATES OF USE

	Light Soils litres/ha	Medium and Heavy Soils litres/ha
TREFLAN alone	2.0	2.3
In combination	1.7	2.0

Cereal seed must be covered by 12 mm of soil and for the best results apply to a firm, moist seedbed free of clods. TREFLAN can be used on a wide range of soils but should not be used on sands or very light soils, or soils with an organic content of 10% or more. Apply TREFLAN as an overall spray in 200 to 450 litres of water per hectare.

### INCORPORATED TREATMENTS

The following treatments must be soil incorporated. Incorporation should be carried out simultaneously or within 30 minutes of spraying.

Drilling or transplanting can be 0-14 days after application.

Apply TREFLAN as an overall spray in 200 to 450 litres of water per hectare.

Only one application may be made per crop.

#### Notes

1. As TREFLAN is a long lasting herbicide, we do not recommend it be used in brassica plant raising beds.
2. Transplants should be hardened off and established after planting, using irrigation if necessary. Care should be taken, particularly with modular transplants, to ensure that the plants' roots are planted below treated soil.
3. For Ramrod Flowable and Ramrod 20 Granular application details see the respective labels.

<b>Crop</b>	<b>Rate of Use</b>	<b>Incorporation Depth</b>	<b>Notes</b>
Kale, swede, turnip	2.3 litres/ha	On the flat: 50 mm Ridged crops: 100 mm	A sequential post-planting herbicide may also be used; Ramrod Flowable or Ramrod 20 Granular are recommended.
Broccoli, Brussels sprout, cabbage, calabrese, cauliflower	2.3 litres/ha	50 mm	Ramrod Flowable or Ramrod 20 Granular are recommended as suitable sequential treatments. On very light soils the 1.75 litres/ha rate should be used.
Spring and winter oilseed rape, mustard	2.3 litres/ha	50 mm	
Carrot, parsnip, parsley	2.3 litres/ha	50 mm	A suitable post-planting sequential treatment is recommended for resistant weeds.
Broad bean, winter and spring field bean	2.3 litres/ha	50 mm	Beans should be planted 75 mm deep. On very light and light soils the 1.75 litres/ha rate should be used.
Raspberry maidens, strawberry maidens	2.3 litres/ha	100 mm 50 mm	Ramrod Flowable or Ramrod 20 Granular are recommended as post-planting sequential treatments.
Dwarf French, navy and runner beans	1.75 litres/ha	50 mm	TREFLAN must be followed by a post-planting herbicide. Basagran is recommended.
Linseed	1.75 litres/ha 1.2 litres/ha	50 mm 50 mm	Use on medium to heavy soils. Use on light soils. TREFLAN is not recommended for use on sands or very light soils. A suitable post planting sequential treatment of Basagran is recommended for resistant weeds.
Seeded and transplanted lettuce	1.2 litres/ha	50 mm	TREFLAN must be followed by a post-drilling or pre-transplanting residual herbicide.
Sugar beet	2.3 litres/ha	50 mm	TREFLAN is applied as part of a programme as a post-emergence treatment at the 4 to 6 leaf stage and incorporated between the rows. Plants should be at least 75 mm high.

## INCORPORATION MACHINERY

Physical damage to sugar beet during incorporation of TREFLAN may cause abnormalities of the plants.

Only the following tools are recommended.

Implement	Working Depth	Forward Speed	Crops	Notes
Rotary Cultivators with 'L' blades	On the flat: 50 mm	Up to 5 kph	All TREFLAN crops except sugar beet	Only one pass required. Use high rotor speeds with slow forward movement to ensure thorough mixing of the soil.
Fixed spring tine harrows of the Triple-K type	On the flat: 100 mm Ridged crops: 200 mm	Not less than 8 kph	All TREFLAN crops except sugar beet	Two passes required (second pass at right-angles to the first). Before starting second pass raise implement slightly to avoid bringing up untreated soil.
Power driven reciprocating harrows*	On the flat: 100 mm Ridged crops: 200 mm	Up to 5 kph	All TREFLAN crops except sugar beet	Two passes required (second pass at right-angles to the first). Before starting second pass raise implement slightly to avoid bringing up untreated soil.
Tandem disc harrows	On the flat: 100 mm Ridged crops: 200 mm	Not less than 8 kph	All TREFLAN crops except sugar beet	Two passes required (second pass at right-angles to the first). Before starting second pass raise implement slightly to avoid bringing up untreated soil.
Lely Roterra Two-pass incorporation	On the flat: 100 mm Ridged crops: 200 mm	Up to 5 kph	All TREFLAN crops except sugar beet	Use on light soils only. Two passes required (second pass at right-angles to the first).
Lely Roterra One-pass spray and incorporate	On the flat: 100 mm Ridged crops: 200 mm	Up to 5 kph	All TREFLAN crops except sugar beet	Use on light soils only. Only one pass required. Mount spray bar on Roterra with nozzles angled to deliver spray into middle of tines 50 mm below soil surface (Lely Roterra STIP system).
Lely Roterra Second-pass follow-up incorporation	On the flat: 100 mm Ridged crops: 200 mm	Up to 5 kph	All TREFLAN crops except sugar beet	When used on free working mineral soils only the Roterra can be used for the second pass (at right-angles) following a previous pass with one of the above mentioned recommended implements.
Rotary inter-row	50 mm	Not less than 8 kph	Sugar beet only	Only one pass required with implement set no closer than 60 mm to the beet.
Lilliston-Lehman Rolling Cultivator	50 mm	Not less than 8 kph	Sugar beet only	Only one pass required with implement set no closer than 60 mm to the beet.

\* Crumbler bars attached to these implements will further improve the distribution of TREFLAN in the soil. Two passes are still required.

## **CULTIVATION AFTER TREATMENT**

When ridging, care should be taken to ensure that the point of the ridger does not penetrate below the treated depth otherwise poor weed control will result.

Light cultivations may be carried out after treatment, if required, to break soil cap or control resistant weeds. Provided the implement does not penetrate below the treated depth of 50 mm no loss of weed control will occur.

## **MIXING**

Half fill the spray tank with clean water and begin agitation. Add the required quantity of TREFLAN to the tank and complete filling. Continue agitation until spraying is completed.

TREFLAN can be used on a wide range of soils but should not be applied to sands, or soils with an organic content of 10% or more. Newly ploughed grassland may temporarily fall within this category.

On very light and light soils, germination and early growth of treated crops may be reduced under adverse conditions such as dry and/or cold weather.

The soil should have a good tilth and be freely workable for good incorporation. Incorporation under wet conditions is not satisfactory. Where bulky "organics" such as farmyard manure, slurry or shoddy are applied, these should be mouldboard ploughed to a depth of at least 200 mm in the soil before spraying.

## **COMPATIBILITY**

For the latest advice on tank mixes please contact Dow AgroSciences.

## **TRADEMARK ACKNOWLEDGEMENTS**

TREFLAN is a trademark of Dow AgroSciences LLC.

Ramrod is a registered trademark of Monsanto Ltd.

Basagran is a trademark of BASF.

## **Dow AgroSciences Conditions of Supply**

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

# SAFETY DATA SHEET

This safety data sheet does not form part of the label approved under the Control of Pesticides Regulations 1986. Following the instructions on the pesticide label for the specified uses should ensure that the product is used safely and efficaciously for those uses.

Product Name: **TREFLAN\* EC (284) HERBICIDE**

LV70: 20251

Issue Date: April 95

Ref: H891E

Revised: Feb. 04 (Section(s) 1, 14 & 15)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Dangerous components (see section 16 for complete R-phrases):**

			CAS	EC No
Trifluralin	45.9 %	Xi,N; R36-43-50/53	001582-09-8	216-428-8
Surfactant	<5 %	Xn; R20/21/22, Xi;R36/38,R10		
Methanol	<1 %	T; R23/24/25-39/23/24/25, F; R11	000067-56-1	200-659-6
Aromatic hydrocarbon solvent	40-50 %	Xn,N; R10-37-51/53-65-66-67	064742-95-6	265-199-0
Composition Code	000284			

## 3. HAZARDS IDENTIFICATION

Flammable. Irritating to respiratory system. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

## 4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

### Ingestion

Do not induce vomiting. Call a physician. The decision of whether to induce vomiting or not should be made by a physician.

### Eye Contact

Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

### Skin Contact

Wash skin thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

### Inhalation

Remove to fresh air. Consult a physician.

### Note to Physician

No specific antidote. Supportive care. Treatment based on judgement of physician in response to symptoms of patient. If lavage is performed, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

Water fog or fine spray. Carbon dioxide. Dry chemical powder. Foam.

### Hazardous Combustion Products

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

### Protection of Firefighters

Wear protective clothing and use self-contained breathing apparatus.

### Additional Information

Violent eruption of containers may occur under fire conditions. Keep containers cool by spraying with water. Contain run-off to prevent entry into water or drainage systems.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Wear appropriate safety clothing and eye/face protection (see Section 8). Avoid breathing vapours.

### Environmental Precautions

Do not wash into sewers or into any body of water. Contain run-off to prevent entry into water or drainage systems. Advise water authority if spillage has entered water course or drainage system.

### Methods of Cleaning Up

Soak up with sand or other non-combustible absorbent material and place into containers for disposal. For large spills, barricade area and consult manufacturer. If further assistance is required, telephone the emergency contact number.

### Additional Information

Eliminate all ignition sources.

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## 7. HANDLING AND STORAGE

### Handling

Use good personal hygiene. Avoid eye and skin contact. Do not consume or store food in the work area. Wash hands and exposed skin before eating, drinking or smoking and after work. Remove contaminated clothing immediately and wash skin area with plenty of water.

### Storage

Product should be stored in compliance with local regulations. Store in a cool, dry, well-ventilated place in the original container. Protect from excessive heat and cold. Do not store near food, drink, animal feeding stuffs, pharmaceuticals, cosmetics or fertilisers. Keep out of reach of children.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

None established for the Active Ingredient(s). Supplier recommendation for solvent is 50 ppm.

### Engineering Controls

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

### Respiratory Protection

For most conditions, no respiratory protection should be needed.

However, when airborne exposure guidelines and/or comfort levels may be exceeded use an approved air-purifying respirator.

For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

### Hand/Skin Protection

For brief contact, no precautions other than clean body-covering clothing and chemical resistant gloves should be needed. Use chemical resistant gloves classified under standard EN 374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Nitrile. Examples of acceptable glove barrier materials include: Polyvinyl chloride ("PVC" or "vinyl"). Neoprene. Avoid gloves made of: Natural rubber ("latex").

When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended.

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all requisite workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), as well as the instructions/specifications provided by the glove supplier.

When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. For emergency conditions: Use protective clothing impervious to this material. Selection of specific items will depend on operation.

### Eye/Face Protection

Use safety glasses. Where contact with the liquid is likely, chemical goggles are recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: clear liquid
Colour	: orange
Rel. density (water=1)	: 1.04 approx. (20 deg.C)
Boiling point/range	: >160 deg.C
pH	: 7.0 (50 % aq. sol.)
Water solubility	: emulsifiable
Flash point	: 49 deg.C
Surface tension	: 29.5 mN/m (25 deg.C)

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## 10. STABILITY AND REACTIVITY

### Chemical Stability

Is stable under normal storage conditions.

### Conditions to Avoid

Avoid high temperatures (at or near flash point), open flame, sparks and direct sunlight.

### Materials to Avoid

Strong basic, acidic or oxidising materials.

### Hazardous Decomposition Products

None under normal conditions of storage and use.

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## 11. TOXICOLOGICAL INFORMATION

### Ingestion

Low toxicity if swallowed. The oral LD<sub>50</sub> for rats is >5000 mg/kg.

### Skin Contact

The dermal LD<sub>50</sub> for rats is >4000 mg/kg.

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Prolonged or repeated exposure may cause skin irritation.

### Sensitisation

Based on information for component(s): Known or suspected skin sensitiser.

### Eye Contact

May cause slight eye irritation.

### Inhalation

No adverse effects anticipated by this route of exposure, but excessive exposure should be avoided.

### Additional Information

Not carcinogenic. Not mutagenic. Not toxic for reproduction.

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## 12. ECOLOGICAL INFORMATION

Assessment largely or completely based on data for active ingredient.

### Persistence and Degradability

Tightly bound to soil and is extremely resistant to leaching and elution. Degradation occurs by volatilisation, photodegradation, aerobic and anaerobic mechanisms, as the more usual routes. Half-life in soils is dependent on soil type and conditions and is approximately 25-289 days.

### Aquatic Toxicity

Material is very toxic to fish on an acute basis (LC<sub>50</sub> <1 mg/L).

Material is very toxic to aquatic invertebrates on an acute basis (EC<sub>50</sub> <1 mg/L).

### Avian Toxicity

Material is practically non-toxic to birds on an acute basis (LD<sub>50</sub> >2000 mg/kg).

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## 13. DISPOSAL CONSIDERATIONS

Very toxic to aquatic organisms. Do not contaminate ponds, waterways or ditches with chemical or used container. Wash out thoroughly. Container and washings must be disposed of safely and in accordance with applicable regulations. The preferred options are to send to licensed reclaimer or to permitted incinerators. Do not re-use container for any purpose.

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## 14. TRANSPORT INFORMATION

### Road & Rail

Proper shipping name : 1993, FLAMMABLE LIQUID, N.O.S.(CONTAINS PETROLEUM DISTILLATE)  
Truck/Rail ADR/RID : 3 Label : 3  
Classification Code : F1  
Packing Group : III

Kemler Code : 30 UN Number : 1993  
Tremcard Nr. CEFIC : 30GF1-III

### Sea

Proper shipping name : FLAMMABLE LIQUID, N.O.S. (CONTAINS TRIFLURALIN 46.1% W/W AND PETROLEUM DISTILLATE)  
Sea - IMO/MDG Class : 3 UN Nr : 1993 Label : 3  
Packing Group : III EMS : 3-07  
Marine Pollutant : Y (Y/N)

**Air**

Proper shipping name : FLAMMABLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATE)  
Air-ICAO/IATA Class : 3 UN Nr : 1993 Label : 3  
Sub Class :  
Packing Group : III Pack Instr. Passenger : 309  
Pack Instr. Cargo : 310

**Remarks** : Sample shipment not allowed by mail.

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**15. REGULATORY INFORMATION**

**Hazard Symbol** : Xn - Harmful  
N - Dangerous for the Environment

**Risk Phrases** : Flammable (R10).  
Irritating to respiratory system (R37).  
May cause sensitisation by skin contact (R43).  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R50/53).  
Harmful: may cause lung damage if swallowed (R65).  
Vapours may cause drowsiness and dizziness (R67).

**Safety Phrases** : Avoid contact with skin (S24).  
This material and its container must be disposed of in a safe way (S35).  
Use appropriate containment to avoid environmental contamination (S57).  
If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label (S62).

Refer to the Product Label for Full Local Regulatory Authority label precautions

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**16. OTHER INFORMATION****Risk-phrases in Section 2**

R10 - Flammable.  
R11 - Highly flammable.  
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.  
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.  
R36 - Irritating to eyes.  
R36/38 - Irritating to eyes and skin.  
R37 - Irritating to respiratory system.  
R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R43 - May cause sensitisation by skin contact.  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 - Harmful: may cause lung damage if swallowed.  
R66 - Repeated exposure may cause skin dryness or cracking.  
R67 - Vapours may cause drowsiness and dizziness.

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The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied, is made.

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BLANK INTENTIONALLY**



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**FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL  
HERBICIDE**

**Crops/Situations:**

Winter wheat, winter barley, winter and  
spring linseed, swede, turnip, kale,  
cabbage, Brussels sprout, cauliflower,  
broccoli, calabrese, spring oilseed rape,  
mustard, carrot, parsnip, parsley, broad  
bean, field beans, strawberry maidens,  
raspberry maidens, winter oilseed rape,  
sugar beet, dwarf French, navy and runner  
beans, seeded and transplanted lettuce

**Maximum Individual Dose:** } Full details are given in the  
**Maximum Number of Treatments:** } Statutory Area on the attached  
**Latest Time of Application:** } leaflet

**READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS  
FOR USE BEFORE USE.**

**Dow AgroSciences**  
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**HERBICIDE**

Product Registration Number:  
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480 g/litre (46% w/w) trifluralin.

A soil incorporated or surface applied residual  
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FODDER, CEREAL, VEGETABLE, OILSEED and SOFT  
FRUIT CROPS.

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

**READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.**

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**SHAKE WELL BEFORE USE.**

**10 Litres e**

Dow AgroSciences Limited  
Latchmore Court, Brand Street, Hitchin,  
Hertfordshire SG5 1NH.  
Telephone: Hitchin (01462) 457272  
Fax: (01462) 426605  
24 hour Emergency Telephone Number:  
+44 (0) 1553 761 251

This label is compliant with the CPA  
Voluntary Initiative Guidance.



**SAFETY  
PRECAUTIONS**

**Operator protection:**

WASH CONCENTRATE from  
skin or eyes immediately.  
AVOID ALL CONTACT BY  
MOUTH.

DO NOT BREATHE SPRAY.  
WASH HANDS AND EXPOSED  
SKIN before meals and after  
work.

**Storage and disposal:**

KEEP IN ORIGINAL  
CONTAINER, tightly closed, in a  
safe place.

WASH OUT CONTAINER  
THOROUGHLY, empty washings  
into spray tank, and dispose of  
safely.

**STORAGE CONDITIONS**

AVOID FREEZING - STORE  
ABOVE 5°C (41°F).  
DO NOT STORE NEAR HEAT OR  
FLAME.

**DO NOT RE-USE  
CONTAINER**

for any purpose.

**SHAKE WELL BEFORE  
USE**