



HERBICIDE

PCS 05641

FOR USE AS AN AGRICULTURAL HERBICIDE
FOR PROFESSIONAL USE ONLY

Shiro is a water-dispersible granule formulation containing 50% w/w triflusalufuron-methyl, a sulfonyleurea for the control of broad-leaved weeds in sugar beet and fodder beet.

SAFETY INFORMATION



Suspected of causing cancer.
Very toxic to aquatic life with long lasting effects.
Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.
If exposed or concerned: Get medical advice/attention.
Collect spillage.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty 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.



Warning

PCS No. 05641

A1.0 SHIRO IRE 22.12.16 PCS 05641

SHI/E/120g/F/0117/UPL

January 2017

50 % W/W TRIFLUSULFURON-METHYL

120g

SHIRO™

PCS 05641

FOR USE AS AN AGRICULTURAL HERBICIDE

Shiro is a water-dispersible granule formulation containing 50% w/w triflusalufuron-methyl, a sulfonyleurea for the control of broad-leaved weeds in sugar beet and fodder beet.

INSTRUCTIONS FOR USE

Crops:

Sugar Beet, Fodder Beet

Maximum individual dose:

30 g product/ha

Maximum number of applications:

4 per crop

Latest time of application:

Before the leaves of the crop meets between the rows.

READ ALL SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE.

SAFETY PRECAUTIONS

WEAR SUITABLE PROTECTIVE gloves when handling the concentrate.
WEAR SUITABLE PROTECTIVE gloves when handling contaminated surfaces.

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

ENVIRONMENTAL PROTECTION

To protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies.

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).

For Batch Number and Manufacturing Date see container

UPL Europe Ltd

The Centre, 1st Floor, Birchwood Park, Warrington, Cheshire, WA3 6YN, UK

Tel: +44 (0)1925 819999 **Fax:** +44 (0)1925 817425 **Web:** www.upleurope.com

For 24 hour emergency information contact:

CARECHEM24 : +44 (0) 1235 239670



INSTRUCTIONS FOR USE

Crops: Sugar Beet, Fodder Beet
Maximum individual dose: 30 g product/ha
Maximum number of applications: 4 per crop
Latest time of application: Before the leaves of the crop meets between the rows.

READ ALL SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE.

SAFETY PRECAUTIONS

WEAR SUITABLE PROTECTIVE gloves when handling the concentrate.
 WEAR SUITABLE PROTECTIVE gloves when handling contaminated surfaces.
 WASH CONCENTRATE from skin or eyes immediately.
 DO NOT BREATHE SPRAY.
 WASH HANDS AND EXPOSED SKIN before meals and after work.
 WHEN USING DO NOT EAT, DRINK OR SMOKE.
 KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
 EMPTY CONTAINER COMPLETELY and dispose of safely.
 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
 KEEP OUT OF REACH OF CHILDREN.

ENVIRONMENTAL PROTECTION
 To protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies.

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).

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.

- RESTRICTIONS**
- SHIRO must 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.
 - Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto plants outside the target area, or onto surface waters or ditches. Thorough cleansing of equipment is also very important - please refer to 'Spray Tank Clean-Out' section.
 - Apply no more than four times to any sugar beet or fodder beet crop.
 - Do not use on crops grown for seed.

WEED CONTROL
 SHIRO works mainly by foliar action. Tank-mixed with a herbicide partner it controls a wide range of broad-leaved weeds. It is most effective if applied when the weeds are small and actively growing. Good spray cover of weeds must be obtained.

Susceptible plants cease growth almost immediately after application and symptoms can be seen about approximately 5 - 10 days after application. Best results are achieved when SHIRO plus approved tank-mix partner are applied in a programme of up to four sequential sprays.

It is important to identify the weeds occurring in the crop and refer to the weed table to ensure that the weeds present are those susceptible to SHIRO plus appropriate tank-mix partner.

Weed Resistance
 SHIRO contains triflurosulfuron-methyl, a sulfonylurea, which is an ALS inhibitor. Do not apply SHIRO in sequence or in tank mixture with any other product containing ALS inhibiting herbicides.

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 an 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.

Susceptible weeds

The susceptibility ratings of weeds in the following table refer to good spray cover and good growing conditions, with weed size of up to 2 true leaves.

Weed Species	SHIRO + 1.5 L/ha phenmedipham*	SHIRO + 1.5 L/ha phenmedipham* + 0.5 kg/ha metamitron
Black-bindweed	S	S
Charlock	S	S
Chickweed	S	S
Cleavers	S	S
Fat-hen	S	S
Field Pansy	MS ⁽¹⁾	S
Fool's Parsley	S	S
Fumitory	S	S
Knotgrass	S	S
Red Dead-nettle	S	S
Redshank	S	S
Scentless Mayweed	S	S
Small Nettle	S	S
Volunteer Oilseed Rape	S	S

S = Fully Susceptible; MS = Moderately Susceptible

* Using an 160 g/l formulation of phenmedipham
⁽¹⁾ For control of field pansy, increase the dose rate of phenmedipham to 2 L/ha

CROPS
 SHIRO can be used on all varieties of sugar beet and fodder beet at the growth stages given below.

FOLLOWING CROPS
 After applying SHIRO to a beet crop, only winter cereals should be sown in the same calendar year. Any crop may be sown or planted in the following spring (next calendar year) after a beet crop treated with SHIRO.

CROP FAILURE
 In the event of crop failure for any reason, sow only spring barley, linseed or beet within four months of application of SHIRO, provided this agrees with the recommendations of any partner product. After four months from application, please refer to "Following Crops" section.

TIMINGS
 The first application should be made in the spring when the first weeds have emerged.

Subsequent applications should be made every 5 - 14 days when new flushes of weeds are at or just past the cotyledon stage.

Do not apply SHIRO after the leaves of the crop have met between the rows. Do not apply SHIRO more than four times to any beet crop.

SHIRO mixtures can be applied from the early cotyledon stage of sugar beet or fodder beet as part of a planned programme following pre-emergence application of all UK approved pre-emergence herbicides.

Before spraying ensure that the sprayer is clean and in good working order. Check all hoses, filters and nozzles and replace if worn or damaged.

Calibrate according to sprayer manufacturer's recommendations. Apply SHIRO by one of the following methods.

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

Overall Application
 SHIRO should be applied overall in 80 - 150 litres of water per hectare, using suitable equipment to give a FINE spray, as defined by BCPC. Good, even spray cover of the weeds is essential for best results.

When applying SHIRO, care should be taken not to overlap spray swaths.

Band Application
 Similar doses, water volumes and spray quality should be used as in overall application, but the area covered will be dependent upon the row spacing and band width. Careful calibration is essential to achieve best results.

Dose
 SHIRO should be applied at 30 g/ha in conjunction with a recommended adjuvant or suitable herbicide tank-mix partner(s). Please also refer to the 'Susceptible Weeds' table.

Soil
 SHIRO can be used on all soil types. Weed control may be reduced when soil conditions are very dry.

Weather
 Avoid high light intensity (full sunlight) and high temperatures (above 21°C) on the day of spraying. Avoid periods of substantial day to night temperature changes or when frost is expected.

Mixing
 SHIRO mixes easily with water, however, the following mixing procedure should be followed:
 Quarter fill the spray tank with water, start the agitation and add the required quantity of SHIRO directly to the tank or via an induction bowl when fitted, without prior creaming.
 Continue agitation while topping up the tank and while spraying. Use the tank the same day as mixing.
 For mixing instructions with phenmedipham as a tank-mix partner, please refer to the 'Compatibility' section.

COMPATIBILITY
 In any tank-mix, with the exception of phenmedipham, add SHIRO to the spray tank first and ensure it is fully dispersed before adding the partner product(s). If a partner product contains phenmedipham, follow the manufacturer's recommendations for mixing that product before adding SHIRO.

To widen the spectrum of activity, SHIRO should be tank-mixed with other herbicides. SHIRO can be tank-mixed with approved formulations of phenmedipham containing 160 g/L or metamitron containing 700 g/L. Products should only be tank-mixed if each product can be applied within the manufacturer's label recommendation.

When SHIRO tank-mixes are used in sequence with graminicides, the minimum time interval should be observed between applications in accordance with the manufacturer's recommendations.

Do not apply SHIRO in sequence or in tank-mix with a product containing any other sulfonylurea.

For the latest tank-mix compatibility information, please consult the UPL website - www.upleurope.com.

WARNING
 Extreme care should be taken to avoid damage by drift to broadleaved plants outside the target area or onto ponds, waterways or ditches or land intended for cropping. Spraying equipment should not be drained or flushed onto land planted with or intended for planting with trees or crops other than sugar beet or fodder beet.

SPRAY TANK CLEAN-OUT
 TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN SUGAR BEET, IMMEDIATELY AFTER SPRAYING SHIRO, THOROUGHLY CLEAN ALL SPRAY EQUIPMENT INCLUDING INSIDE AND OUTSIDE OF LID USING ALL CLEAR® EXTRA SPRAYER CLEANER ACCORDING TO THE LABEL INSTRUCTIONS. ALTERNATIVELY USE THE FOLLOWING PROCEDURE:

- Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
- Rinse inside of tank with clean water and flush through boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
- Half fill tank with clean water and add 1/3 litre household ammonia (contains 9.5% ammonia) for each 100 litres of tank volume. (Equivalent amounts of alternate strength ammonia solutions can be used providing the final concentration in the full tank is 0.03%).
- Agitate and then flush the boom and hoses with the cleaning solution.
- Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation.
- Again flush the boom and hoses and drain tank completely.

Failure to thoroughly clean your sprayer after use can result in damage to sensitive crops sprayed later.

SHIRO is non-corrosive to equipment, non-flammable and non-volatile. Avoid contamination of surface waters.

For disposal of washings, follow local guidelines.

FIRST AID INFORMATION FOR USE IN THE EVENT OF ACCIDENTAL EXPOSURE OR INGESTION

- Skin contact:** Wash of immediately with plenty of water. If symptoms persist, call a physician.
- Eye contact:** Bathe the eye with running water for at least 15 minutes. Seek medical advice.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Seek medical advice.
- Inhalation:** Move to fresh air. Seek medical advice.

If you feel unwell seek medical advice immediately and show label if possible.

7. Nozzles and filters should be removed and cleaned separately with ammonia solution at the same concentration as used for the sprayer.
 8. Rinse the tank with clean water and flush through the boom and hoses using at least one-tenth of the spray tank volume.
 9. Drain tank completely.

Note:
 If it is not possible to drain the tank completely, steps 3 to 6 must be repeated before going on to step 7. Follow washout instructions and only use recommended tank-mixtures.

Failure to thoroughly clean your sprayer after use can result in damage to sensitive crops sprayed later.

SHIRO is non-corrosive to equipment, non-flammable and non-volatile. Avoid contamination of surface waters.

For disposal of washings, follow local guidelines.

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If you feel unwell seek medical advice immediately and show label if possible.

CONDITIONS OF SUPPLY
 All goods supplied by us are of high grade and we believe them to be suitable; however, as we cannot exercise control over their storage, handling, mixing, use, or the weather conditions before, during and 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, and 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. Our staff or agents cannot vary these conditions whether or not they supervise or assist in the use of such goods.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1 Identification of the product
Product code: HDD01
Product Description: SHIRO
Pure substance/preparation Preparation

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use: Herbicide
Sector(s) of use: Agricultural applications.

1.3 Details of the Supplier of the Safety Data Sheet

Supplier: UPL Europe Ltd
 The Centre
 Birchwood Park
 Warrington
 WA3 6YN, Cheshire, UK
 Tel.: +44 (0) 1925 819999
 Fax: +44 (0) 1925 856075
 info@uniphos.com

E-mail address:

1.4 Emergency Telephone Number

Emergency telephone number: (CARECHEM 24): +44 (0) 1235 239670
 National Poisons Information Centre (IE): +353 1 8379964

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

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

Human Health
 Carcinogenicity Category 2 - H351

Environment

Acute aquatic toxicity Category 1 - H400
 Chronic aquatic toxicity Category 1 - H410

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

2.2 Label elements

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



Signal Word: WARNING

Hazard Statements

H351 - Suspected of causing cancer
 H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements - EU (528, 1272/2008)

P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood
 P281 - Use personal protective equipment as required
 P308 + P313 - IF exposed or concerned: Get medical advice/attention
 P391 - Collect spillage
 P501 - Dispose of contents/ container in accordance with national regulation

EU Specific Hazard Statements

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

2.3 Other Hazards

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical name	EC No	CAS-No	Weight %	Classification (Dir.67/548)	EU - GHS Substance Classification	REACH No.
Triflusalufuron-methyl	-	126535-15-7	40 - 50	-	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Carc. 2; H351	no data available
Sodium dioctyl sulfosuccinate	209-406-4	577-11-7	1 - 5	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	no data available

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

4. FIRST AID MEASURES

4.1 Description of first-aid measures

General advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a specialist. If symptoms persist, call a physician.

Eye contact: Wash off immediately with plenty of water.

Skin contact: Wash off immediately with plenty of water.

7

Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: Rinse mouth with water. Move to fresh air. Call a POISON CENTER or doctor if you feel unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray
Carbon dioxide (CO2)
Foam
Dry powder

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Special Hazard: Hazardous decomposition products formed under fire conditions: Carbon dioxide (CO2), Nitrogen oxides (NOx).

5.3 Advice for Firefighters

This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use personal protective equipment. Avoid dust formation. Do not breathe dust.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Recover the product by sweeping up or vacuuming without raising dust. Sweep up or vacuum spilled material into a labeled waste container. Dispose by a licensed waste disposal contractor.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Handling: Provide adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene Measures

Use only outdoors or in a well-ventilated area. Remove contaminated clothing and protective equipment before entering eating areas. Wash hands before eating, drinking or smoking. Wash thoroughly after handling.

Environmental exposure controls: Local authorities should be advised if significant spillages cannot be contained. Do not allow material to contaminate ground water system. Prevent product from entering drains.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep in properly labelled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Store in an area where cross-contamination with pesticides, fertilizers, food or feed could not occur.

7.3 Specific end uses

No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Exposure Limits: Apply technical measures to comply with the occupational exposure limits.
Derived No Effect Level (DNEL): No information available.
Predicted No Effect Concentration (PNEC): No information available.

8.2 Exposure Controls

Engineering controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye protection: Safety glasses with side-shields. (EN166).
Skin protection: Long sleeved clothing.
Hand protection: Nitrile rubber.
Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental exposure controls: Local authorities should be advised if significant spillages cannot be contained. Do not allow material to contaminate ground water system. Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: brown solid, water dispersible granule (WG)
Physical state: Woody
Odor: Woody

Property **VALUES** **Remarks/Method**
pH: 7.1 (1% solution)
Melting point/freezing point: No information available
Boiling Point/Range: No information available
Flash Point: Not required
Flammability (solid, gas): Not flammable
Specific gravity: 0.7 - 0.9 g/mL
Water solubility: Soluble in water
Solubility in Other Solvents: No information available
Partition coefficient: n-octanol/water: No information available

Autoignition temperature: Not expected
Decomposition temperature: Not required
Viscosity: The substance or mixture is not classified as oxidizing.
Oxidizing properties: According to the chemical structure no explosion reaction is expected.

9.2 Other information

10. STABILITY AND REACTIVITY

10.1 Reactivity

None under normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Protect from moisture. Decomposes slowly on exposure to water. To avoid thermal decomposition, do not overheat. May form explosive mixtures with air.

10.5 Incompatible Materials

No materials to be especially mentioned.

10.6 Hazardous Decomposition Products

Hydrogen fluoride.
Oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Data obtained on this product or a similar product.

Acute toxicity

Local effects:
Inhalation: There is no data available for this product. No eye irritation. (rabbit).
Eye contact: No skin irritation. (rabbit).
Skin contact: There is no data available for this product. > 5000 mg/kg (rat)
Ingestion: > 2000 mg/kg (rat)
LD50 Oral:
LD50 Dermal:

12.5 Results of PBT and vPvB Assessment

This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste from Residues/Unused Products: Dispose of in accordance with local regulations.
Contaminated packaging: Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal. 020108 - agrochemical waste containing dangerous substances.

EWC waste disposal No:

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

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14. TRANSPORT INFORMATION

ADR/RID

14.1 UN-No: UN3077
Environmentally hazardous substance, solid, n.o.s. (Triflusalufuron-methyl Mixture)

14.2 Proper shipping name:

14.3 Hazard class: III
14.4 Packing group: DANGEROUS FOR THE ENVIRONMENT
14.5 Environmental Hazard: 274, 335, 375, 601
14.6 Special Provisions: (E)
Tunnel restriction code:

International Inventories

TSCA: Complies
EINECS/ELINCS: Complies
DSL/NDSL: Complies
PICCS: Complies
ENCS: Complies
China: -
AICS: Complies
KECL: Complies

9

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14.5 Environmental Hazard: 274, 335, 375, 601
14.6 Special Provisions: (E)
Tunnel restriction code:

International Inventories

TSCA: Complies
EINECS/ELINCS: Complies
DSL/NDSL: Complies
PICCS: Complies
ENCS: Complies
China: -
AICS: Complies
KECL: Complies

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12.5 Results of PBT and vPvB Assessment

This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste from Residues/Unused Products: Dispose of in accordance with local regulations.
Contaminated packaging: Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal. 020108 - agrochemical waste containing dangerous substances.

EWC waste disposal No:

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Other information:

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

ADR/RID

14.1 UN-No: UN3077
Environmentally hazardous substance, solid, n.o.s. (Triflusalufuron-methyl Mixture)

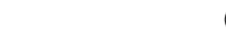
14.2 Proper shipping name:

14.3 Hazard class: III
14.4 Packing group: DANGEROUS FOR THE ENVIRONMENT
14.5 Environmental Hazard: 274, 335, 375, 601
14.6 Special Provisions: (E)
Tunnel restriction code:

International Inventories

TSCA: Complies
EINECS/ELINCS: Complies
DSL/NDSL: Complies
PICCS: Complies
ENCS: Complies
China: -
AICS: Complies
KECL: Complies

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HERBICIDE

PCS 05641

FOR USE AS AN AGRICULTURAL HERBICIDE FOR PROFESSIONAL USE ONLY

Shiro is a water-dispersible granule formulation containing 50% w/w triflusalufuron-methyl, a sulfonylurea for the control of broad-leaved weeds in sugar beet and fodder beet.

SAFETY INFORMATION



Warning

Suspected of causing cancer.
Very toxic to aquatic life with long lasting effects.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
If exposed or concerned: Get medical advice/attention. Collect spillage.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty 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. 05641

SHI/E/120g/F/0117/UPL

January 2017

50 % W/W TRIFLUSALUFURON-METHYL



SHIRO™

FOR USE AS AN AGRICULTURAL HERBICIDE

Shiro is a water-dispersible granule formulation containing 50% w/w triflusalufuron-methyl, a sulfonylurea for the control of broad-leaved weeds in sugar beet and fodder beet.

INSTRUCTIONS FOR USE

Crops: Sugar Beet, Fodder Beet

Maximum individual dose: 30 g product/ha

Maximum number of applications: 4 per crop

Latest time of application: Before the leaves of the crop meets between the rows.

READ ALL SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE.

SAFETY PRECAUTIONS

WEAR SUITABLE PROTECTIVE gloves when handling the concentrate.