

LECTOR®



A suspension concentrate formulation containing 50 g/l (4.81% w/w) florasulam for the control of cleavers and other broad leaved weeds in winter wheat, barley, rye, triticale, oats, spring wheat, barley and oats.

IMPORTANT INFORMATION FOR USE BY PROFESSIONALS A PROFESSIONAL HERBICIDE

Crop	Maximum individual dose (ml product/ha)	Maximum total dose (ml product/ha/year)	Maximum number of applications	Latest Time of Application
Winter and spring barley, oats, wheat, and winter rye and winter triticale	150	150	1 per crop	Up to and including flag leaf ligule just visible stage (GS 39 inclusive)

Other specific Restrictions:

The maximum total dose of florasulam applied to a cereal crop must not exceed 7.5 g.

Method of application:

Tractor mounted/trailed horizontal boom sprayer

FOR PROFESSIONAL USE ONLY

SHAKE WELL BEFORE USE

PROTECT FROM FROST

500 ml

510004910

Safety Information



WARNING

Very toxic to aquatic life with long lasting effects.

Collect spillage.

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

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

Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

PCS No. 05578

Additional Safety Phrases

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).

Authorisation Holder & Marketing Company

Nufarm UK Limited

Wyke Lane, Wyke, Bradford, West Yorkshire, BD12 9EJ

United Kingdom

Technical Helpline telephone number

+44 (0)1274 694714

24-hour emergency telephone number

+44 (0)1274 696603



Grow a better tomorrow

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Seveso Information:

Seveso category (Dir. 2012/18/EU): dangerous for the environment

15.1.2. National regulations

No additional information available

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

16. OTHER INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains . May produce an allergic reaction.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

AUTUMN APPLICATION

WINTER WHEAT, BARLEY, OATS, RYE AND TRITICALE, SPRING WHEAT, BARLEY AND OATS

Application Rate:

One application of up to 75 ml/ha will control all susceptible emerged weeds.

Application Timing:

Apply in the autumn once the crop has reached 3 leaves (GS 13), up to and including flag leaf ligule just visible stage (GS 39 inclusive).

Water volume:

100 - 300 L water/ha. The lower volume must only be used in open crops on small weeds.

SPRING APPLICATION

WINTER WHEAT, BARLEY, OATS, TRITICALE, RYE, SPRING WHEAT, BARLEY AND OATS

Application Rate:

One application of up to 150 ml/ha will control all susceptible emerged weeds. A split application may be applied up to a maximum total dose of 150 ml/ha where weed germination takes place over an extended period.

Application Timing:

Apply in the spring once the crop has reached 3 leaves (GS 13), up to and including flag leaf ligule just visible stage (GS 39 inclusive).

Water volume:

100 - 300 L water/ha. The lower volume must only be used in open crops on small weeds.

JOINT APPLICATION

A joint application is the use of a product in tank mixture or sequence with another product.

IMPORTANT NOTE: joint applications should only be made within the label recommendations of every product in the application. Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with LECTOR®. However, a further application of LECTOR® or another product containing florasulam may also be made **providing the maximum total dose of florasulam is not exceeded***. LECTOR® may be applied in joint application to the same cereal crop with one of the following ALS products.

Accurate	Harmony M SX
Ally Express	Harmony Max SX
Ally Max SX	Hussar
Biplay SX	Inka Max SX
Boxer *	Lorate
Broadway Star*	Pelican Delta
Cabadex*	Praxys*
Calibre SX	Presite Max SX
Finish SX	Presite SX
Galaxy *	Starane XL*
Harmony SX	Thor

* The maximum total dose of florasulam applied to the crop must not exceed 7.5g. For autumn planted crops a maximum total dose of 3.75g of florasulam must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest. Apart from these specific joint applications LECTOR® must NOT be applied with any other product containing an ALS-inhibitor.

SOIL

LECTOR® is mainly absorbed by the leaves of the weeds and as such can be applied on all soil types.

FOLLOWING CROPS

Crops that can be sown in the same year as a crop treated with LECTOR® is harvested: cereals, oilseed rape, field beans, grass and vegetable brassicas as transplants.

*Vigour reductions may be seen in the following crops of oilseed rape after a dry summer. This will be outgrown and will not result in yield loss.

Only the following crops can be sown in the calendar year following treatment with LECTOR®: Cereals, oilseed rape, field beans, grass, linseed, peas, sugar beet, potatoes, maize, clover (for use in grass/clover mixtures), carrots and vegetable brassicas as transplants.

Take extreme care to avoid drift onto crops and non-target plants outside the target area.

MIXING

Half fill the spray tank with clean water and add the required amount of LECTOR®. Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, and unless directed otherwise, the preferred order of addition of products to the spray tank is as follows: water, dispersible granules, wettable powders, suspension concentrates, solution concentrate. Each product should be added separately to a half-filled spray tank and fully dispersed before the addition of the next product.

LECTOR® may be applied through tractor-mounted hydraulic sprayers and knapsack sprayers providing they are in good working order and have been calibrated according to the manufacturers' recommendations.

Do not apply through CDA applicators.

Apply LECTOR® as a MEDIUM spray as defined by the BCPC system.

TANK CLEANING PROCEDURE

To avoid subsequent injury to crops other than cereals all spraying equipment must be thoroughly cleaned both inside and outside using an ammonia based cleaner as follows:

1. Immediately after spraying drain the tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside the tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill the tank with clean water and add the ammonium based cleaner at the recommended rate. Agitate and then briefly flush through the booms 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. Flush the booms and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with the ammonium based cleaning solution containing 50 ml of the ammonium based cleaner per 10 litres of water.
5. Rinse the tank with clean water and flush through the booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
6. For disposal of washings follow the Code of Practice for Using Plant Protection Products. Do not spray onto sensitive crops or land intended for cropping with sensitive crops.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going on to step 4.

Special provisions for carriage - Packages (ADR): V12

Special provisions for carriage - Loading, unloading and handling (ADR): CV13

Hazard identification number (Kemler No.): 90

Orange plates:



Tunnel restriction code (ADR): -

Transport by sea

Special provisions (IMDG): 274, 335, 969

Limited quantities (IMDG): 5 L

Excepted quantities (IMDG): E1

Packing instructions (IMDG): P001, LP01

Special packing provisions (IMDG): PPI

IBC packing instructions (IMDG): IBC03

Tank instructions (IMDG): T4

Tank special provisions (IMDG): TP2, TP29

EmS-No. (Fire): F-A

EmS-No. (Spillage): S-F

Stowage category (IMDG): A

Air transport

PCA Excepted quantities (IATA): E1

PCA Limited quantities (IATA): Y964

PCA limited quantity
max net quantity (IATA): 30kgG

PCA packing instructions (IATA): 964

PCA max net quantity (IATA): 450L

CAO packing instructions (IATA): 964

CAO max net quantity (IATA): 450L

Special provisions (IATA): A97, A158, A197

ERG code (IATA): 9L

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable




13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.
European List of Waste (LoW) code: 02 01 08* - agrochemical waste containing dangerous substances.

14. TRANSPORT INFORMATION

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

ADR	IMDG	IATA
14.1. UN number		
3082	3082	3082
14.2. UN proper shipping name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Florasulam)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Florasulam)	Environmentally hazardous substance, liquid, n.o.s. (Florasulam)
Transport document description		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Florasulam), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Florasulam), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Florasulam), 9, III
14.3. Transport hazard class(es)		
9	9	9
		

14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available		

14.6. Special precautions for user

Overland transport

Classification code (ADR): M6
Special provisions (ADR): 274, 335, 375, 601
Limited quantities (ADR): 5I
Excepted quantities (ADR): E1
Packing instructions (ADR): P001, IBC03, LP01, R001
Special packing provisions (ADR): PPI
Mixed packing provisions (ADR): MP19
Portable tank and bulk container instructions (ADR): T4
Portable tank and bulk container special provisions (ADR): TPI, TP29
Tank code (ADR): LGBV
Vehicle for tank carriage: AT
Transport category (ADR): 3

COMPANY ADVISORY INFORMATION

ACKNOWLEDGMENTS

LECTOR® is a registered trademark.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable for use (as we cannot exercise any control over their mixing or use) under all conditions and warranties, statutory or otherwise, as to their quality, and fitness for any purpose of our goods are excluded, except in so far as such exclusion is prevented by law, and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use. This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at users risk.

SAFETY DATA SHEET

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

1.1. Product identifier
CA Code (Nufarm) 3510
Product form Mixture
Trade name Lector
Type (Nufarm) Country Specific
Country (Nufarm) Ireland

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

1.2.1. Relevant identified uses
Main use category: Professional use
Use of the substance/mixture: Herbicide

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer
Nufarm UK Limited
Wyke Lane
Wyke
BD12 9EJ Bradford - UK
T +44 (0)1274 691234 - F +44 (0) 1274691176
infouk@uk.nufarm.com

1.4. Emergency telephone number:
Emergency number : +44 (0)1274 696603

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment —
Acute Hazard, Category 1 H400

Hazardous to the aquatic environment —
Chronic Hazard, Category 1 H410

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

Adverse physicochemical, human health and environmental effects

Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS09

Signal word (CLP):

Warning

Hazardous ingredients:

Florasulam

Hazard statements (CLP):

H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP):

P273 - Avoid release to the environment.
P391 - Collect spillage.
P501 - Dispose of contents and container to hazardous or special

EUH-statements:

waste collection point, in accordance with local, regional, national and/or international regulation.

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

EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
FLORASULAM (ISO)	(CAS-No.) 145701-23-1 (EC Index-No.) 613-230-00-7	5	Aquatic Chronic 1, H410
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	<0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

STOT-repeated exposure: Not classified (Based on available data, the classification criteria are not met).

FLORASULAM (ISO) (145701-23-1)	
LOAEL (oral, rat, 90 days)	500 mg/kg bodyweight/day (renal collecting duct hypertrophy)(EU method B).

Aspiration hazard: Not classified (Based on available data, the classification criteria are not met).

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general: Very toxic to aquatic life with long lasting effects.

Acute aquatic toxicity: Very toxic to aquatic life.

Chronic aquatic toxicity: Very toxic to aquatic life with long lasting effects.

Lector	
LC50 96h fish	> 2100 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 48h crustacea	> 2100 mg/l
EC50 72h algae	5.6 mg/l Pseudokirchneriella subcapitata
ErC50 (other aquatic plants)	0.055 mg/17 d (Lemna minor)

Additional Ecotox information

FLORASULAM (ISO) (145701-23-1)	
Additional Ecotox information	
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
Additional Ecotox information	

12.2. Persistence and degradability

Lector	
Persistence and degradability	Not readily biodegradable.
FLORASULAM (ISO) (145701-23-1)	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

Lector	
Bioaccumulative potential	No bioaccumulation.
FLORASULAM (ISO) (145701-23-1)	
BCF other aquatic organisms 1	< 2.21
Log Kow	1.11 @ pH 3 & 25°C, -1.10 @ pH 7 & 25°C, log Kow = -1.79 @ pH 10.0 & 25°C
Bioaccumulative potential	No bioaccumulation.

12.4. Mobility in soil

FLORASULAM (ISO) (145701-23-1)	
Mobility in soil	Mobile

12.5. Results of PBT and vPvB assessment

Lector	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

No additional information available

DIRECTIONS FOR USE

RESTRICTIONS

- Do not spray when crops are under stress from cold, drought, pest damage, nutrient deficiency etc.
- Do not roll or harrow 7 days before or after application.
- Do not apply to crops containing or undersown with clover or other legume containing mixtures.

Crop Failure

In the event of crop failure in the spring after an application of LECTOR®, only the following crops may be planted: spring wheat, spring barley, spring oats, maize or ryegrass.

WEEDS CONTROLLED

Autumn application

LECTOR® is most effective when applied to small, actively growing weeds. Larger weeds may be less susceptible. For optimum performance, it is important to check the size of weeds before application.

Rate of Use	75 ml/ha	50 ml/ha
Cleavers	25 mm	25 mm
Common chickweed	50 mm	30 mm
Scented mayweed	50 mm	30 mm
Scentless mayweed	30 mm	30 mm
Volunteer oilseed rape	80 mm	60 mm

Spring application

LECTOR® is most effective when applied to small, actively growing weeds up to 4 true leaves. Larger weeds may be less susceptible. For optimum performance, it is important to check the size of weeds before application.

Rate of Use	150 ml/ha	100 ml/ha	50 ml/ha
Cleavers	up to 500 mm	200 mm	-
Common chickweed	-	flowering	6 true leaves
Hedge mustard	-	100 mm	-
Scented mayweed	-	Flower buds visible	Rosette stage
Shepherd's purse	-	100 mm	-
Volunteer oilseed rape	-	Before flower buds visible	4 true leaves
Wild radish (Runch)	-	100 mm	-

WEED RESISTANCE

Florasulam is an ALS inhibitor. Herbicide Resistant Weeds Classification (HRAC), B.

Avoid using herbicides with a single mode of action, such as ALS herbicides, in the same fields over a number of years. Growers should apply products containing herbicides with different modes of action or use sequences or tank mixes where two or more components are active against the target weeds.

CROP SPECIFIC INFORMATION

LECTOR® can be applied in the spring and autumn on all varieties of winter wheat, barley, oats, triticale and rye and spring wheat, barley and oats.

Explosive properties: Product is not explosive.
 Oxidising properties: Non oxidizing material according to EC criteria
 Explosive limits: No data available

9.2. Other information

No additional information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Avoid high temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. On exposure to high temperature, may decompose, releasing corrosive gases.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Lector	
LD50 oral rat	> 2000 mg/kg (OECD 425 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat (mg/l)	> 5.07 mg/l/4h (OECD 403 method)

FLORASULAM (ISO) (145701-23-1)	
LD50 oral rat	> 5000 mg/kg (OECD 425 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat (mg/l)	> 5.09 mg/l/4h (OECD 403 method)

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
LD50 oral rat	670- 784 mg/kg
LD50 dermal rat	> 2000 mg/kg

Acute toxicity (oral): Not classified.
 Acute toxicity (dermal): Not classified.
 Acute toxicity (inhalation): Not classified
 Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met).
 pH: 4.04 @25°C.

Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met).
 pH: 4.04 @25°C.

Respiratory or skin sensitisation: Not classified (Based on available data, the classification criteria are not met).

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met).

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met).

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met).

STOT-single exposure: Not classified (Based on available data, the classification criteria are not met).

Specific concentration limits:

Name	Product identifier	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	(C >= 0.05) Skin Sens. 1, H317

Full text of H-statements: see section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact:

Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion:

Rinse mouth out with water. Drink plenty of water. Do not induce vomiting. Get immediate medical advice/attention.

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

Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation: None under normal use.
 Symptoms/effects after skin contact: None under normal conditions.
 Symptoms/effects after eye contact: None under normal conditions.
 Symptoms/effects after ingestion: None under normal conditions.

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

Treat symptomatically. Seek immediate medical advice.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream.


5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides. Hydrogen fluoride. Hydrogen sulfide. Fluorinated hydrocarbons.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Fight fire from safe distance and protected location.

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

<p>Self-contained breathing apparatus. Complete protective clothing.</p> <p>6. ACCIDENTAL RELEASE MEASURES 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency responders Protective equipment: Wear recommended personal protective equipment. Emergency procedures: Ventilate spillage area. 6.1.2. For emergency responders Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".</p> <p>6.2. Environmental precautions Avoid release to the environment.</p> <p>6.3. Methods and materials for containment and cleaning up For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Collect spillage. Methods for cleaning up : Take up liquid spill into absorbent material. Other information : Dispose of materials or solid residues at an authorized site.</p> <p>6.4. Reference to other sections For further information refer to section 13.</p>	<p>7. HANDLING AND STORAGE 7.1. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Take off immediately all contaminated clothing and wash it before reuse. Separate working clothes from town clothes. Launder separately.</p> <p>7.2. Conditions for safe storage, including any incompatibilities Storage conditions: Store in a well-ventilated place. Keep cool. Information on mixed storage: Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Storage area: Keep out of the reach of children. Store away from heat. Store in a well-ventilated place. Special rules on packaging: Keep only in original container. Store in a closed container.</p> <p>7.3. Specific end uses Herbicide.</p>	<p>8. EXPOSURE CONTROLS/PERSONAL PROTECTION 8.1. Control parameters No additional information available</p> <p>8.2. Exposure controls Appropriate engineering controls: Ensure good ventilation of the work station. Personal protective equipment: Protective clothing. Gloves. Insufficient ventilation: wear respiratory protection. Safety glasses. Materials for protective clothing: Impermeable clothing Hand protection: Protective gloves: Butyl rubber gloves. Nitrile rubber gloves Eye protection: Safety glasses. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure Skin and body protection: Wear suitable protective clothing Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment</p> <p></p> <p>Environmental exposure controls: Avoid release to the environment.</p>	<p>9. PHYSICAL AND CHEMICAL PROPERTIES 9.1. Information on basic physical and chemical properties Physical state: Liquid Appearance: opaque Colour: white Odour: gasoline-like Odour threshold: No data available pH: 4.04 @25°C pH solution concentration: 1 % 4.4 @ 25°C Relative evaporation rate (butylacetate=1): No data available Melting point: < 0 °C Freezing point: No data available Boiling point: Not determined Flash point: > 66 °C Not flammable Auto-ignition temperature: No data available Decomposition temperature: No data available Flammability (solid, gas): Not applicable Vapour pressure: Florasulam: 6.55 x 10E-5 Pa @ 25°C Relative vapour density at 20 °C: 1.04 Relative density: No data available Solubility: Water: Emulsifiable in water Log Pow: No data available Viscosity, kinematic: No data available Viscosity, dynamic: 1048 mPa.s @ 20°C; 897 mPa.s @ 40°C</p>
---	--	--	---