TAZER

A suspension concentrate containing 250 a/L (22.9% w/w) Azoxystrobin.

A broad spectrum fungicide for the control of disease in wheat, barley, oats, rye, triticale, oilseed rape, peas, field beans, carrots, leeks, bulb onions, garlic, shallot, outdoor grops of broccoli, calabrese, Brussels sprout, cabbage, cauliflower, collards, kale, strawbernies, lettuce, endive and potato.

Safety Information

WARNING

Very toxic to aquatic life with long lasting effects.

Collect spillage.

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

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

Contains 1,2-benzisothiazol-3(2H)-one May produce an allernic reaction.

PCS No 05530

Do not contaminate water with the coduct or its contain, it (Long) clean application equipment near surface water/Avoid contamination, and print for farmyards and contamination and print for farmyards and contamination.

Authorisation Holder & markeing 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

PROTECT FROM FROST SHAKE WELL BEFORE USE FOR PROFESSIONAL USE ONLY

5 L

500004386



IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL FUNGICIDE

Сгор	Maximum Individual Dose (L product/ha)	Maximum Number of Applications (per crop)	Maximum Total Dose (L product/ha)	Latest Time of Application
Winter and Spring Wheat, Winter, Rye, Triticale	1.0	2.0	2.0	Before grain watery ripe stage (GS 71)
Winter and Spring Barley, Oats	1.0	2.0	2.0	Before beginning of flowering (GS 61)
Winter and Spring Oilseed rape	1.0	2.0	2.0	21 days pre harvest
Peas (combining), field beans	1.0	2.0	2.0	35 days pre harvest
Peas (vining)	1.0	100	2.0	14 days pre harvest
Bulb onion, Garlic, Shallot, Carrots	1.0	3.0	C ⁰	14 days pre harvest
Leeks	1.0	3.0		21 days pre harvest
Outdoor crops of broccoli, Calabrese, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale	1.0	2.0	2.0	14 days pre harvest
Strawberries (outdoor & protected)	1.0	3.0	3.0	3 days pre harvest
Lettuce, endive (outdoor & protected))	1.0	. O	2.0	14 days pre harvest
Potato (in-furrow application)	3.0	1.0	3.0	At planting

Method of application: Tractor mounted/trailed sprayer, har dheld (knapsack)

Risk mitigation measures:

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

Other specific restrictions:

To reduce the risk of resistance developing a target diseases the total number of applications of product containing QoI fungicides made to any cereal crop must no exceed two.

For uses on crops of broccoli, calabrese, Brussels sprouts, cabbage, cauliflower, collards, lettuce, endive and kale, a maximum total dose of 500g azoxystrobin must not be exceeded within a 12 month period on the same field.

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.

GENERAL INFORMATION

- TAZER contains azoxystrobin, a broad spectrum fungicide from the strobilurin aroup. It has systemic, translaminar and protectant properties.
- Azoxystrobin inhibits fungal respiration. Its mode of action is different from
 the action of other fungicidal groups. It should always be used in mixture
 with fungicides with other modes of action.
- TAZER shows good crop safety, disease control and maintenance of green leaf area which result in significant yield benefits.
- TAZER is best used as a protective treatment or during early stages of disease establishment. In cereals, the length of disease control is generally about 4 to 6 weeks during the period of active stem elongation, but can be more when applied at float leaf/ear emergence.

RESTRICTIONS

- Certain apple varieties are highly sensitive to TAZER. As a precaution TAZER should not be applied when there is a risk of spray drift onto neighbouring apple crops
- Apply TAZER under good growing conditions with adequate soil moisture.
 Avoid poor growing conditions which may give less reliable results.

DISEASES CONTROLLED

WHEAT

Glume blotch
Yellow Rust (Puccinia striiformis)
Brown Rust (Puccinia recondita)
Ear Diseases (Cladosporium, Alternaria,
Reduction in severity of toke-all

BARLEY

Net Blotch (*Pyrenophora teres*) Brown Rust (*Puccinia hordei*) Leaf Blotch (*Rhynchosporium secalis*) – reduction Reduction in severity of take-all

OATS

Crown rust (Puccinia coronate)

RYE AND TRITICALE

Brown Rust (Puccinia recondita) Leaf Blotch (Rhynchosporium secalis) – reduction Reduction in severity of take-all

OILSEED RAPE

Stem rot (Sclerotinia sclerotiorum) — moderate control Dark leaf & pod spot (Alternaria spp.)

PEAS - COMBINING AND VINING

Leaf and pod spot (Ascochyta pisi) – useful reduction Downy mildew (Perenospora viciae) – reduction

FIELD BEANS, BROAD BEANS

Rust (Uromyces spp.)

CARROTS

Alternaria Leaf Blight (Alternaria dauci) Powdery Mildew (Ervsiphe polyaoni)

LEEKS

Leaf rust (Puccinia porri)
Purple blotch (Alternaria porri) – moderate control
White tip (Phytophthora porri) – moderate control

ONIONS, GARLIC & SHALLOT

Downy mildew (Peronospora destructor) – moderate control

BRUSSELS SPROUTS, ABBAGE, CAULIFLOWER, KALE, COLLARDS, BROCCOLI AND CALABRESE

White blister (A.s. vao candida) — moderate control
Ring se support serella brassicico(a) — moderate control
Alt maria Alternaria brassicae and Alternaria brassicico(a) — moderate

LEIL YCF & ENDIVI

Nowny mildew (Bremio so)

STRAWBERRIES

Powdery mild with adecument macularis) – moderate control

POTATOES (IN FURKOW ONLY)

Ster can er and Black scurf (Rhizoctonia solani) – reduction Block dot (colletotrichum coccodes) – reduction

CR. DISPECIFIC INFORMATION

RESISTANCE MANAGEMENT

TAZER contains azoxystrobin a member of the Qol cross resistance group. TAZER should be used preventatively and should not be relied on for its curative potential. Disease control may be reduced if strains of pathogens less sensitive to azoxystrobin develop. Use TAZER as part of an Integrated Crop Management IICMI strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAG auidelines for Gol compound.

CEREALS, PEAS, FIELD BEANS, CARROTS, LEEKS, BULB ONIONS, GARLIC, SHALLOT, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KALE, COLLARDS, BROCCOLL, CALABRESE, LETTUCE AND ENDIVE

Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stages of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

CEREALS

Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. You must not apply more than 2 foliar applications of Qol-

containing products to any cereal crop.

There is significant risk of widespread QoI resistance occurring in Septoria tritici populations in Ireland. Failure to follow resistance management action may result in reduced levels of disease control.

Strains of barley powdery mildew resistant to Qol's are common in Ireland.

Disease contrôl' may be reduced if strains of other pathoaens less sensitive to azoxystrobin develop

On cereal crops, TAZER must always be used in mixture with another product. recommended for control of the same target disease that contains a fungicide from a different cross resistance group and is applied at a dose that will give robust control. Users should refer to current FRAC guidelines for QoI compounds

PEAS (COMBINING AND VINING)

To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAC guidelines for QoI compounds. Do not make more than 2 applications of TAZER to crops of combining and vining peas...

FIELD BEANS

To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAC guidelines for QoI compounds. Do not make more than 2 applications of TAZER to crops of field beans. Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

BULB ONIONS, LEEKS AND CARROTS

Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporali other methods of control, including where appropriate other fundicides different mode of action.

To avoid the likelihood of resistance developing, application of AZER should made with due regard to current FRAC guidelines for QoLcoms bunds. D apply more than a total of 3 applications when used in sixture with from a different cross resistance group, as part of a physics. Bo not apply more than a total of **2** applications if TAZER is used consolor foodular. more than a total of 2 applications if TAZER is used

The risk of resistance developing to TALLININ Resortania solani (Black sci and Stem canker) is considered to be ery low the esistance risk it sigher for Colletotrichum coccodes (Black dot) and significant this potential risk, ubbs from crops treated with TAZER should not be used for seed. TAZER should only be used in potato crops, which adhere to good rotation practices.

BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KALE, CC LARDS, BROCCOLI AND CALABRESE

To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAC guidelines for Qo compound. Do not apply more than a total of 2 applications of TAZER to any brassica crop.

STRAWBERRY

Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. To avoid the likelihood of resistance developing. applications of TAZER should be made with due regard to current FRAC guidelines for Qol compounds as illustrated below in the following table:

Total number of fungicide spray applications per crop	1	2	3	4	5	6	7
Maximum recommended solo Qol fungicide sprays	1	1	2	2	2	2	2
Maximum recommended Qol fungicide sprays in mixture	1	2	2	2	2	2	2

No more than 3 applications of TAZER are permitted per crop.

LETTUCE, ENDIVE

Use TAZER as part of an Integrated Crop Management (ICM) strategy incorporating ofher methods of control including, where appropriate, other fungicides with a different mode of action. To avoid the likelihood of resistance developing, application of TAZER should be made with due regard to current FRAG-UK guidal lines for QoI compounds. Do not apply more than a total of 2 applications, when used as part of a programme.

TANK MIXIN

On cereal crops, *** LR must always be used in mixture with another product, fro (a difficent cost resistance group and is applied at a dose that will give

For wither advice on resistance management for the Qol's contact you agronomist or specialist advisor and visit the FRAG website.

APPLICATION RATES/TIMINGS

WINTER & SPRING WHEAT.

Timing: Apply TAZER before the grain watery ripe stage (GS 71).

Rate of use: 1.0 L product/ha.

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage.

RYE AND TRITICALE

Timing: Apply TAZER before the grain watery ripe stage (GS 71). Always inspect crops to assess disease development immediately before spraying Best results will be achieved from applications made in the earliest stages of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

Rate of use: 1.0 L product/ha

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage.

WINTER AND SPRING BARLEY

Timina: Apply TAZER before the beginning of flowering (GS 61).

Rate of use: 1.0 L product/ha.

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha, In dense crops, increase the water volume to 250–300 L water/ha to improve coverage.

Growing conditions: Apply TAZER under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less

Timing: Apply TAZER before the beginning of flowering (GS 61).

Rate of use: 1.0 L product/ha.

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage.

WINTER AND SPRING OILSEED RAPE

Growing conditions: Before applying TAZER, ensure the crop is free from any stress caused by environmental or agronomic effects. Best results will be achieved from applications made as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems. Timing: Apply TAZER 21 days pre-harvest

Scierotinia — TAZER should be applied as a protectant spray during flowering The optimum timing is early flowering to mid flowering (GS 60 – GS 65). Alternaria – apply TAZER as a protective before disease becomes established

Rate of use: 1.0 L product/ha. A second treatment may be required if also pressure remains high.

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha. In dense crass, increase the volume to 250–300 L water/ha to improve covera

PFAS – COMBINING AND VINING

Growing conditions: Apply TAZER under once growing conditions with adequate soil moisture. Avoid poor wing anothings which may give less reliable results. TAZER should all vays be used at the first sign of disease development. Always inspect closure of cases disease dure membres and the conditions with the conditions of the conditions immediately before spraying. For optimum disease cobefore infection or as soon as disease is first seen in the cr

Timing: Apply TAZER 35 days pre-harvest for combining of days pre-harvest for vining peas.

Rate of use: 1.0 L product/ha. A second application move be required if disease pressure remains high; especially in combining

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage

Peas for processina: Where the crop of peas is destined for processing. consult your processor before treating with TAZER.

Crop safety: TAZER shows good crop safety on combining and vining peas. Before applying ensure the crop is free from any stress caused by environmental or agronomic effects. Check wax level if necessary using a Crystal Violet test.

FIELD BEANS

Growing conditions: Before applying TAZER, ensure the crop is free from any stress caused by environmental or agronomic effects. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

Timing: Apply TAZER 35 days pre-harvest.

Rate of use: 1.0 L product/ha. A second application may be required if disease pressure remains high.

Maximum no. applications: 2 per crop

Water volume: At least 200 L water/ha. In dense crops, increase the water volume to 250-300 L water/ha to improve coverage.

BULB ONIONS, GARLIC, SHALLOT, LEEKS AND CARROTS

Growing conditions: Before applying TAZER ensure the crop is free from any stress caused by environmental or agronomic effects. For optimum disease control TAZER should be used at the first sign of disease infection or preferably preventatively when a predictive assessment shows conditions favourable for disease development. Always inspect crops to assess disease development

immediately be are spraying.

Timing the Carlic, Shallot, Apply TAZER 14 days pre-harvest. Apply from BBCA 14 & 8. For optimum downy mildew control a 7 to 10 day spray interval.

nould be montained.

s: Apple TAZER 21 days pre na ots oply TAZER 14 action te of use: 1.0 L prod

Maximum no. applications: specificip
Water volume, stilled 20 in water/hal in dense crops, increase water volume to 250-300 Lyraies, saperingrove coverage.

Processing: There parop is destined for processing, consult your processor before treating wir AZER

OU DOOR CROPS OF BROCCOLI, CALABRESE, BRUSSELS SPROUT, CABBAGE, AULITICWER, COLLARDS, KALE

Graving conditions: Before applying TAZER, ensure the crop is free from any stress caused by environmental or agronomic effects. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant treatment following a disease risk assessment or the use of appropriate decision support systems.

Timing: Apply TAZER 14 days pre-harvest.

Rate of use: 1.0 L product/ha. A second treatment may be required if disease pressure remains high. A minimum interval of 12 days must be observed between applications to brassicae.

Maximum no. applications: 2 per crop Water volume: At least 300 L water/ha.

STRAWBERRIES (OUTDOOR & PROTECTED)

Growing conditions: For optimum results apply TAZER as a protectant spray at the beginning of flowering. Two further applications can be made if disease pressure remains high. Application should be made in sequence with other products as part of a fungicide programme during flowering at a minimum interval of 7 days.

Timing: Apply TAZER 3 days pre-harvest. Strawberries can be treated from BBCH

Rate of use: 1.0 L product/ha.

Maximum no. applications: 3 per crop. A minimum interval of 7 days must be observed between applications.

Water volume: At least 300 L water/ha

LETTUCE, ENDIVE (OUTDOOR & PROTECTED)

Growing conditions: Before applying TAZER, ensure the crop is free from any stress caused by environmental or agronomic effects. Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made in the earliest stage of disease development or as a protectant irealment following a disease risk assessment or the use of appropriate decision support systems.

Timing: Apply TAZER 14 days pre-harvest. Lettuce and endive can be treated from BBCH 14 – 49

Rate of use: 1.0 L product/ha.

Maximum no. applications: 2 per crop. A minimum interval of 7 days must be observed between applications.

Water volume: At least 300 L water/ha

POTATO (IN-FURROW)

Timing: Apply TAZER at planting. It is important to direct the spray into the planting furrow and not onto the seed tuber. Application should be made using two nozzles per row — one at the fort of the planting share and directed down into the furrow and the second, at the rear of the share and directed so as to spray the soil as it doses around the planted tuber.

Rate of use: 3.0 L prod uct/ha.

Maximum no. applications: 1 per crop

Water volume: Use between 50 – 150 L water/ha. Apply using spec. Vist Infurrow application equipment.

MIXING AND SPRAYING

Ensure that the sprayer is clean and correctly set to give in even a plication of the required volume. Hallfill the spray tank with clean determined start agitation. Shake the container and add the required amount of U.A. to the prayer using a filling device (e.g. induction bowl or closed transfer hit) to be direct addition to the sprayer tank.

Wash out containers thoroughly, prefer ofly using an stegrated presture firms device, or manually inset three times. As the asnin is to the sproyer of incline of filling. Complete filling to the required volume and continue to potate throughout the sproying operation. Do not leave the sproy liquid in the sproyer for long periods (e.g. during meal breaks or overnight).

Apply using a medium quality spray (BCPC) at a pressure of at least 2 bar. Apply through conventional crop spraying equipment.

Thoroughly wash out sprayer according to manufacturers guidelines and dispose of washing and clean containers according to local water authority guidelines.

INTEGRATED CROP MANAGEMENT

Laboratory data indicate that when used as directed TAZER as no adverse effects on the following beneficial species.

Earthworm (Fišenia felidal), Bees (Apis and Bombus spp.), Parasilic Wasps finichogramma cacoeciae, Aphidis spp. and Encarsia formosa), Aphid Predators (Coccinella septempuncata, Chrysoperia camea, Episyrphus balleatus), Predatory mites (Phyloseiulus persimitis, Amblyseius degenerans), Spider (Paratosa spp.), Predatory Dussy (Macrolophus caliginosus, Orius (aevigatus); Carabid Beetle (Poecilus cupreus).

COMPATIBILITY

TAZER can be tank-mixed with other pesticides, please consult your Nufarm distributor or Nufarm UK Limited.

COMPANY ADVISORY INFORMATION

ACKNOWLEDGEMENTS

®TAZER is the registered trademark of Nufarm

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

All goods supplied by Nufarm UK Ita' are high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or application which may affect the performance of the goods all conditions and warranties statutory or otherwise as to the quality or filters for any purpose of our goods are excluded and no responsibility will be accepted by us or our Associate Companies for any damage or injury whatsoever arising from their storage, handling, re-application or use. These conditions cannot be varied by our staff, our ago, is or the re-sellers of the product whether or not they supervise or assist in the us. of such goods.

SAFETY DATA SHEET

IN JENTIF CATION OF THE SUISSANCE/MIXTURE AND OF THE COMPANY/

2702

Mixture

TAZER Country Specific Ireland

600000594

100005382

1... Product identifier CA Code (Nuform)

CA Code (Nutrom)

Oracle Recipe on sle (Nutrom)

Item codes

Product form

Trade pame

Tyr (Nutrom)

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 Industrial/Professional use spec: Fungicide
Use of the substance/mixture: -

1.2.2. Uses advised against

No additional information available

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

Nufam UK Limited Wyke Lane Wyke BD12 9EI Bradford - UK T+44 (0)1274 691234 - F+44 (0)1274691176 infolk@uk nufam.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

H400

Acute Hazard, Category 1
 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)



Signal word (CLP)

Warning

Hazardous ingredients Hazard statements (CLP) lastina Azoxystrobin 250 g/L H410 - Very toxic to aquatic life with long

effects.

Precautionary statements (CLP): P3

P391 - Collect spillage.

P501 - Dispose of contents and container to hazardous or special was selection point, in accordance with light all, regional, national and/or international regulation.

EUH-statements: EUH208 - Contains 1 - Denzison 27 - 3(2 one: 1.2-benzisot) - zolir 3-one, May

produce

n of raic reaction. 1401 - Travoid lisks to sman healt

he environment, co

and

for use.

with the instructions

2.3. Other hazards

This substance/mixture does not meet the Lar criteria of RE CHT a vulcifion, annex XIII This substance/mixture does not meet the vPvB & Veria of VEACH regulation, annex XIII

3. COMPOSITION/INFORMATION ON INGREDIENTS 3.1. Substances

o.i. Jubalulices

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
AZOXYSTROBIN	(CAS-No.) 131860- 33-8 (EC Index-No.) 607-256-00-X	23.45	Acute Tox. 3 (Inhala- tion), H331 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

1,2-Propanediol	(CAS-No.) 57-55-6 (EC-No.) 200- 338-0 (REACH-no) 01- 2119456809-23	10 - 15	Not classified
ALCOHOLS, C16-18, ETHOX- YLATED	(CAS-No.) 68439- 49-6	5-10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
NAPTHALENE- SULPHONIC ACID, SODIUM SALT, POLYMER WITH FORMAL- DEHYDE	(CAS-No.) 684245-94-5	1-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
1,2-la licathi e 201-3). H-one; 1,2-banzisa hi- odolin-3-ane	CAS-No. 2634- 33-5 EC-No. 220- 120-9 EC ndex 51 613-067-00-0	<1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

Full text of H-st tiernents: See section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

First vid me Isures after inhalation:

embol person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact:

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/ attention

First-aid measures after eve contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If eye irritation persists: Get medical advice/attention.

<u>First-aid measures after ingestion</u>:

Call a poison center or a doctor if you feel unwell. Rinse mouth out with water. Do not induce vomiting.

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

Symptoms/effects after inhalation:

Inhalation may cause irritation (cough, short breathing, difficulty in breathing). Symptoms/effects after skin contact:

May cause moderate irritation.

Symptoms/effects after eye contact:

May cause eye irritation.

Symptoms/effects after ingestion:

May cause irritation to the digestive tract. Ingestion may cause nausea and vomiting. Abdominal pain, nausea.

$4.3. \ \mbox{Indication}$ of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water spray. 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. Nitroaen oxides. Hydroaen cyanide.

5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Véntilate spillage area

6.1.2. For emergency responders

Protective equipment. Do not attempt to take action without suitable pixed or equipment. For further information refer to section 8: "Exposure control personal protection".

6.2. Environmental precautions

Avoid release to the environment

6.3. Methods and materials for containment and leaning up

For containment: Collect spillage.

Methods for cleaning: Take up liquid spill in a absorpant material.

Other information: Dispose of materials of solid and always an authorizal state.

6.4. Reference to other sections

For further information refer to section 13.

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.

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.

Special rules on packaging: Keep only in original container. Store in a closed container.

7.3. Specific end uses

Fungicide.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION 8.1. Control parameters

1,2-Propo	1,2-Propanediol (57-55-6)				
Ireland	Local name	Propane-1,2-diol			
Ireland	OEL (8 hours ref) (mg/m³)	470 mg/m³ (total vapour and particulates) 10 mg/m³ (particulate)			
Ireland	OEL (8 hours ref) (ppm)	150 ppm (total vapour and particulates)			
Ireland	OEL (15 min ref) (mg/m3)	1410 mg/m³ (calculated+total vapour and particulates) 30 mg/m³ (calculated-par- ticulate)			
Ireland	occ., min ref) (ppm)	450 ppm (calculated-total vapour and particulates)			
and	Regulatory refer no	Code of Practice for the Chemical Agents Regula- tions 2018			

8.2. Exposur . con troi

Appropriate spaines and controls:
Ensure good vernishing of the work station.
Personal total decive equipment:
Glades. Practive clothing. Safety glasses.

Nin Jubber gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

In case of insufficient ventilation, wear suitable respiratory equipment







Environmental exposure controls: Avoid release to the environment

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: Off-white
Odour: characteristic.
Odour threshold: No data available
bH: 8.1

Relative evaporation rate (butylacetate=1): No data available Melting point: No data available Freezing point: No data available Boiling point: No data available Flash point: Auto-ignition temperature: > 600 °C Decomposition temperature: No data available Not applicable Flammability (solid, aas): Vapour pressure: No data available

Relative vapour density at 20 °C: No do Relative density: No do

Solubility: Water: Emulsifiable in water
Organic solvent: Soluble in most
organic solvents

No data available

Log Pow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: 421.8 mPas 20°C
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 us , storage at transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under nor all conditions of use

10.4. Conditions to avoid

None under recommended storage and becalling conditions (see action 7),

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, If azarc bus accomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

TAZER	
LD50 oral rat	2500 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 2.4 mg/l/4h Maximum concentration

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)			
LD50 oral rat	1020 mg/kg		
LD50 oral	1150 mg/kg mouse		
LC50 inhalation rat (mg/l)	> 2.4 mg/l/4h Maximum concentration		
1,2-Propanediol (57-55-6)			
LD50 oral rat	20 g/kg		
LD50 dermal rabbit 20800 mg/kg			

Acute toxicity (oral): Not classified Acute toxicity (dermal): Not classified

Acute toxicity, analation; Not classified Skin corrosion/In-stion; Not classified (Based on available data, the classification

criteria L 21

seño e eve a mage/irritation. Not alassified (Based on available data, the classified metal are not metal)

Re officially or skin sepalify affice. Not classified (Based on available data, the classification official are of the

<u>Germ cell mutaconicity. No classified (Based on available data, the classification criteria are no met).</u>

Carcinogenia, Not bassified (Based on available data, the classification afteria are not met)

Rea odus, se toxicity. Not classified (Based on available data, the classification)

Ref doubt te loxicity. Not classified (Based on available data, the classification affile "grap" for met)

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

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

<u>Aspiration hazard:</u> 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:

TAZER	
LC50 96h fish	1.39 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 48h crustacea	2.19 g/l
EC50 72h algae	0.681 mg/l Pseudokirchneriella subcapitata
NOEC (chronic)	0.171 mg/l

NOEC chronic fish	0.939 mg/1 Oncorhynchus mykiss (Rainbow trout)
NOEC chronic algae	0.286 mg/l Pseudokirchneriella subcapitata
LD50, Eisenia fetida (Earthworm)	> 2000 mg/kg
LD50, Oral, Apis mellifera (bee)	> 200 µg/bee (Data apply to the technically active substance)
LD50, Dermal, Apis mellifera (bee)	> 100 µg/bee (Data apply to the technically active substance)
1,2-Propanediol (57-55-6)	
LC50 96h fish	51600 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 96h fish	41 - 47 ml/1 Oncorhynchus mykiss (Rainbow trout)
EC50 48h crustacea	> 1000 mg/l Daphnia magna (Water flea)
EC50 96h algae	19000 mg/l Pseudokirchneriella subcapitata

12.2. Persistence and degradability

TAZER	
Persistence and degradability	Notice adily budges adable.
1,2-Propanediol (57-55-6)	
Biodegradation	δ1%

12.3. Bioaccumulative potential

TAZER		
Bioaccumulative potential	No bioaccumulation.	
AZOXYSTROBIN (131860-33-8)		
Log Pow	2.5 25°C	
1,2-Propanediol (57-55-6)		
BCF fish 1	<1	
Bioconcentration factor (BCF REACH)	0.09	
Log Pow	-1.07	

12.4. Mobility in soil

	TAZER	
	Mobility in soil	Adsorbs into the soil
I	Surface tension	42.5 mN/m 25°C

12.5. Results of PBT and vPvB assessment

TAZER

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 On er uc. effects additional information available

SPOSAL CONSIDERATIONS Was a treatment in other

contents/container in accordance with

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. (AZOXYSTROBIN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AZOXYSTROBIN)	Environmentally hazardous substance, liquid, n.o.s. (AZOXYSTROBIN)
	Transport document description	
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AZOXYSTROBIN), 9, III, (†)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AZOXYSTRORIN), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (AZOXYSTROBIN), 9, III
14.3. Transport hazard class(es)	163	
14.4. Packing group		
Ш		Ш
14.5. Environmental hazards	Y	
Dangerous for the environment: Yes	Dangerous for the entironment: Yes Marine pollutant. Yes	Dangerous for the environment : Yes
	No supprementary information available	

14.6. Special precautions for user

Special transport precautions: Pursuant to Special Provision 375, chapter 3.3.1 of the ADR, the carriage of goods in unit packaging containing up to 51. / kg of net material, sent as single packagings or inner packages of combination packaging, is not subject to any other provisions of ADR provided the packaging complies with the requirements given under 4.1.1.1, 4.1.1.2, and from 4.1.1.4 to 4.1.1.8 ADR.

Overland transport

Classification code (ADR):

Special provisions (ADR):

Limited quantities (ADR):

51

M6

274, 335, 375, 601

Limited quantities (ADR):

51

Excepted quantities (ADR):

Packing instructions (ADR): P001, IBC03, LP01, R001 Special packing provisions (ADR): PP1

3082

Mixed packing provisions (ADR):

MP19

Portable tank and bulk container instructions (ADR):

T4

Portable tank and bulk container special provisions (ADR): TP1, TP29

Tank code (ADR): LGBV
Vehicle for tank carriage: AT
Transport category (ADR): 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):
Limited quantities (IMDG):
Excepted quantities (IMDG):
Excepted quantities (IMDG):
Pocking instructions (IMDG):
Pocking instructions (IMDG):
IBC packing instructions (IMDG

Air transport

PCA Excepted quantities (IATA): Y964 PCA Limited quantities (IATA): PCA limited quantity max net quantity (IATA): 30 kaG 964 PCA packing instructions (IATA): 4501 PCA max net quantity (IATA): CAO packing instructions (IATA): 964 CAO max net quantity (IATA): 450L A97, A158, A197 Special provisions (IATA): ERG code (IATA):

14.7. Transport in bulk according to Annex II of Marpol and the IBC

Code

Not applicable

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Contains no ŘEACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

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- at NFUH-statements.

Tullexion Fan Collisidenciis:		
Laute To. 3 (Inhortation)	Acute toxicity (inhal.), Category 3	
ute Tor. 4 (Oral)	Acute to icit, (or II), Category 4	
Aquaric Acute 1	Hazard, agoity and aquatic environment — Acute Hazard,	
Aquatic Chronic 1	raz radous to the aquatic environment — Chronic ruzard, Category 1	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
EV IIII.	Serious eye damage/eye irritation, Category 2	
S. n Irrit.	Skin corrosion/irritation, Category 2	
Vin 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	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
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.	