

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.11.2025

Version 1.0

Revision: 26.11.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** PYR 0.25 DIAT 6.25 MG**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / mixture**

Granules (GR)

Insecticide (biocide PT18)

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Kwizda Agro GmbH

Universitätsring 6, A-1010 Vienna

Further information obtainable from: Kwizda Biocides, E-Mail: RegBiocide@kwizda-agro.at**1.4 Emergency telephone number** Call local emergency information.**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS09

Signal word Warning**Hazard statements**

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P391 Collect spillage.

P501 Dispose of contents/container to appropriate waste disposal in accordance with local/national regulations.

2.3 Other hazards**Results of PBT and vPvB assessment**

This mixture does not meet the PBT- or vPvB-criteria according to Regulation (EC) No 1907/2006.

Determination of endocrine-disrupting properties

The product contains no components considered to have endocrine disrupting properties according to REACH Article 57(f), Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

Safety data sheet
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Trade name: PYR 0.25 DIAT 6.25 MG**SECTION 3: Composition/information on ingredients****3.2 Mixture****Description:**

Insecticidal granules based on the active substances *Chrysanthemum cinerariaefolium* extract [0.025 % (w/w) - pure ; PT18] and silicium dioxide (6.25 g/kg).

Dangerous components:

CAS: 61790-53-2	silicium dioxide STOT RE 2, H373, EUH066	0.625%
CAS: 89997-63-7 EINECS: 289-699-3	<i>Chrysanthemum cinerariaefolium</i> extract from open and mature flowers of <i>Tanacetum cinerariifolium</i> obtained with supercritical carbon dioxide STOT SE 1, H370; STOT RE 2, H373; Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317 ATE: ATE oral: 730 mg/kg ATE inhalative: 2.6 mg/l	0.025%
CAS: 57-50-1 EINECS: 200-334-9	sucrose, pure substance with a workplace exposure limit	50 - 100%

Additional information:

Contains a bittering agent (denatonium benzoate).

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****General information:**

In case of accident or if you feel unwell seek medical advice (show label where possible).

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with plenty of water.

If symptoms persist, seek medical advice.

After eye contact:

Rinse opened eye for several minutes under running water. Get medical advice if irritation persists.

After swallowing:

Rinse out mouth with water. If symptoms of indisposition persist, seek medical advice.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media:**

Use extinguishing media suitable to surrounding conditions.

Carbon dioxide (CO₂), dry chemical powder, foam or water spray

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Unsuitable extinguishing media: Full water jet

5.2 Special hazards arising from the substance or mixture

Formation of harmful gases (e.g. carbon oxides, COx) is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment:

Use suitable respiratory protection if necessary and, depending on the size of the fire, wear a fully protective suit.

Do not inhale explosion gases or combustion gases.

Additional information

Contain runoff to prevent entry into water or drainage systems.

Dispose of fire debris and contaminated firefighting water according to the regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Please notice instructions for person-related safety precautions, wear protective equipment (see Section 8).

Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow to enter sewers, surface or ground water.

Advise water authority in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up

Pick up mechanically.

Place into suitable and labelled containers for disposal.

Clean affected area with plenty of water. Place into lockable labelled container for disposal according to the regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of dust.

While handling pay attention to the usual precaution for chemicals. Comply with instructions for use.

Avoid eye and skin contact with the product.

Wash hands before breaks and at the end of work.

Information about fire - and explosion protection: No further relevant information available.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Store in tightly closed original packaging in a dry, well-ventilated place.

Protect from moisture.

Information about storage in one common storage facility:

Do not store food, beverages and animal feeding stuff in the storage area.

Further information about storage conditions:

Keep out of the reach of children and domestic animals.

Keep only in original packaging.

Safety data sheet

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:****CAS: 57-50-1 sucrose, pure**

VLEP (France)	Long-term value: 10 mg/m ³
TWA (Italy)	Long-term value: 10 mg/m ³ ; A4
VLE (Portugal)	Long-term value: 10 mg/m ³ ; A4; erosão dental
LEP (Spain)	Long-term value: 10 mg/m ³

CAS: 61790-53-2 silicon dioxide

MAK (Austria)	Long-term value: 4 E mg/m ³
HTP (Finland)	Long-term value: 5 mg/m ³
AGW (Germany)	Long-term value: 4 E mg/m ³ ; DFG, Y, 1
TWA (Italy)	Long-term value: *(10) *(3) mg/m ³ ; *particelle inalabili: **particelle respirabili
NDS (Poland)	Long-term value: 10* 2** mg/m ³ ; *frakcja wdychalna; **frakcja respirabilna
VLE (Portugal)	Long-term value: 3 mg/m ³ ; Irritacao; pneumoconiose
MV (Slovenia)	Long-term value: 4 mg/m ³ ; Inhalabilna frakcija, Y
LEP (Spain)	Long-term value: 10* 3** mg/m ³ ; d, e;*inhalable **respirable
MAK (Switzerland)	Long-term value: 4 e mg/m ³ ; SSc;

Regulatory information

MAK (Austria): GKV 2021, 330. Verordnung, 02.12.2024, Teil 2

HTP (Finland): 654/2020

VLEP (France): ED 1487 26.04.2024

AGW (Germany): TRGS 900

TWA (Italy): Valori Limite di Soglia

NDS (Poland): Dz.U. 2024 poz. 1017, 10.07.24

VLE (Portugal): NP 1796:2014

MV (Slovenia): UL št. 26, 18.04.2025 Priloga 1

LEP (Spain): Límites de exposición profesional para agentes químicos

MAK (Switzerland): Grenzwerte am Arbeitsplatz

8.2 Exposure controls**Appropriate engineering controls** Provide sufficient ventilation, particularly in closed areas.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy.

Remove contaminated clothing and wash carefully before reuse.

Wash hands before break and at the end of work.

Respiratory protection

In case of insufficient ventilation or in case of extensive formation of dust a protective dust mask is recommended.

Hand protection For prolonged or repeated contact protective gloves are recommended.**Eye/face protection** Not required if handled properly.**Body protection** Not required if handled properly.

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.11.2025

Version 1.0

Revision: 26.11.2025

Trade name: **PYR 0.25 DIAT 6.25 MG****Environmental exposure controls**

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Granules
Colour:	Off-white/light beige
Odour:	Characteristic
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available.
Lower and upper explosion limit:	Not applicable.
Flash point:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	No data available.
pH:	5 - 6 (1% dilution, CIPAC D)
Viscosity kinematic:	Not applicable.
Solubility water:	Dispersible.
Partition coefficient, n-octanol/water:	Not relevant
Vapour pressure:	No data available.
Bulk density:	1.0 - 1.2 g/ml
Relative vapour density:	Not applicable.
Particle characteristics:	No data available.

9.2 Other information

Explosive properties:	No data available
Oxidising properties:	No data available.

Information with regard to physical hazard classes:

Not relevant.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable under usual conditions.

10.3 Possibility of hazardous reactions No hazardous reactions known if used according to specifications.

10.4 Conditions to avoid Moisture, extreme temperatures and direct sun exposure.

10.5 Incompatible materials Do not mix with other products.

10.6 Hazardous decomposition products None under normal conditions of storage and use.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Based on available data, the classification criteria are not met.

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.11.2025

Version 1.0

Revision: 26.11.2025

Trade name: PYR 0.25 DIAT 6.25 MG**LD/LC50 values relevant for classification:**

There are no product specific data on toxicology available.

CAS: 89997-63-7 Chrysanthemum cinerariaefolium extract from open and mature flowers of Tanacetum cinerariifolium obtained with supercritical carbon dioxide

oral	ATE	730 mg/kg
inhalative	ATE	2.6 mg/l

Skin corrosion/irritation Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties** None of the ingredients is listed.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:**

Toxic to aquatic life with long lasting effects.

CAS: 89997-63-7 Chrysanthemum cinerariaefolium extract from open and mature flowers of Tanacetum cinerariifolium obtained with supercritical carbon dioxide

LC50/48h	0.012 mg/l (water flea, <i>Daphnia magna</i>) (read-across data)
LC50/96h	0.00092 mg/l (amphipod, <i>Hyaella azteca</i>) (read-across data)
	0.0052 mg/l (rainbow trout, <i>Oncorhynchus mykiss</i>) (read-across data)
NOEC	0.0001 - ≤ 0.001 mg/l

12.2 Persistence and degradability*Chrysanthemum cinerariaefolium*, extract: not readily biodegradable; photodegradable.**12.3 Bioaccumulative potential***Chrysanthemum cinerariaefolium*, extract: not bioaccumulating; BCF 471 (*Lepomis macrochirus*), log Pow >4**12.4 Mobility in soil** *Chrysanthemum cinerariaefolium*, extract: readily absorbed into the soil.**12.5 Results of PBT and vPvB assessment** Not applicable.**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects** No further relevant information available.

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.11.2025

Version 1.0

Revision: 26.11.2025

Trade name: **PYR 0.25 DIAT 6.25 MG**

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Do not empty or dispose of waste or remains into sink or toilet, hand over to hazardous waste disposers.

European waste catalogue 07 04 13: solid wastes containing dangerous substances

Uncleaned packaging

Recommendation:

Disposal must be made according to official regulations.

Do not reuse empty contaminated packaging for other purposes; dispose according to official regulations.

Not completely emptied packaging is to be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN number or ID number

ADR UN3077

14.2 UN proper shipping name

ADR 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Chrysanthemum cinerariaefolium extract)

14.3 Transport hazard class(es)

ADR



Class

9 (M7) Miscellaneous dangerous substances and articles.

Label

9

14.4 Packing group

ADR III

14.5 Environmental hazards

Special marking (ADR):

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

Hazard identification number (Kemler code):

90

14.7 Maritime transport in bulk according to IMO instruments

not applicable

UN "Model Regulation":

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CHRYSANTHEMUM CINERARIAEFOLIUM EXTRACT), 9, III

SECTION 15: Regulatory information

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

Seveso category E1 Hazardous to the Aquatic Environment

Other regulations, limitations and prohibitive regulations

This formulation is beyond the scope of Regulation (EU) 2024/590 on substances that deplete the ozone layer.

This formulation is beyond the scope of Regulation (EC) 2019/1021 on persistent organic pollutants.

This formulation is beyond the scope of Regulation (EC) No 649/2012 concerning the export and import of

Safety data sheet

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Printing date 26.11.2025

Version 1.0

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Trade name: PYR 0.25 DIAT 6.25 MG*hazardous chemicals.**This formulation is not subject to special provisions for the protection of human health or the environment at Community level.***National obligations:***Swiss Regulations:**ArGV 1 and 822.111.52, EAER Ordinance on dangerous and arduous work during pregnancy and maternity are not applicable.**822.115, Youth Employment Protection Ordinance - ArGV 5 and 822.115.2, EAER Ordinance on Hazardous Work for Young People are not applicable.**Additional information: Use biocides safely. Always read the label and product information before use.***Water hazard class:***Water hazard class (German Regulation) 3 (self-assessment): extremely hazardous for water.**Class A (Suisse Regulation, self-assessment)***15.2 Chemical safety assessment** *A Chemical Safety Assessment has not been carried out.***SECTION 16: Other information***This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.***Further information:***Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008: Calculation method***Abbreviations and acronyms:***CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures**CAS: Chemical Abstracts Service (division of the American Chemical Society)**EINECS: European Inventory of Existing Commercial Substances**GHS: Globally Harmonized System of Classification and Labelling of Chemicals**PBT: persistent, bioaccumulative and toxic properties**vPvB: very persistent and very bioaccumulative properties**MAK: maximum concentration of a chemical substance in the workplace**AGW: occupational exposure limit**LC50: lethal concentration, 50%**LD50: lethal dose, 50%**NOEC: no observed effect concentration**BCF: bioconcentration factor**log Pow, Kow: partition coefficient (n-octanol/water)**CIPAC: Collaborative International Pesticides Analytical Council**PT18: Product type 18 (Insecticides, acaricides and products to control other arthropods)**M-factor: multiplying factor**ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road**VbF: Ordinance on the storage of combustible liquids, Austria**ATE: Acute toxicity estimate values**Acute Tox. 4: Acute toxicity – Category 4**Skin Sens. 1: Skin sensitisation – Category 1**STOT SE 1: Specific target organ toxicity (single exposure) – Category 1**STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2***Sources:** *Safety data sheets of the components***Data compared to the previous version altered:** -