

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier:****Trade name:** Defender Poultry Tonic**Product code:** -**1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses of the substance or mixture:

Consumer use.

Uses advised against:

Do not use for purposes other than those stated in "Recommended uses"

1.3 Details of the supplier of the safety data sheet

Lodi UK Limited
Building 69, Third Avenue
Pensnett Trading Estate
Kingswinford
DY6 7FD
UNITED KINGDOM
Tel: +44 (0) 1384 404242 (office hours only)
Emergency Tel: +44 (0) 1384 404242 (office hours only)
[www. https://www.lodi-uk.com](https://www.lodi-uk.com)

1.4 Emergency telephone number**Emergency information services / official advisory body:**

Healthcare professionals: National Poisons Information Service (NPIS) – 0344 892 0111

General public:

England - Dial 111 to reach NHS 111 (24- hour service)

Scotland - Dial 111 to reach NHS 24 (24- hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24- hour service).

The National Poisons Information Centre Ireland (NPIC)
Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm)
Healthcare professionals: +353 (0) 1 809 2566 (24 h service)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) 1272/2008 (CLP)**

Not classified.

2.2 Label elements**Labeling according to Regulation (EC) 1272/2008 (CLP)****Hazard pictograms:** [None]**Signal word:** [None]**Hazard statements:** [None]**Precautionary statements:** [None]

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878**2.3 Other hazards**

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%

SECTION 3: Composition/information on ingredients**3.1 Substance**

Not applicable.

3.2 Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II.

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

In case of contact with skin:

Wash skin with plenty of water.

In case of contact with eyes:

Rinse immediately with plenty of water and seek medical advice.

In case of ingestion:

Do not under any circumstances induce vomiting.

Call a poison center or a doctor if you feel unwell and show the label.

In case of inhalation:

Remove casualty to fresh air and keep comfortable for breathing.

Seek medical attention if breathing difficulties appear and persist.

4.2 Most important symptoms and effects, both acute and delayed

None under normal conditions.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting 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

Fire hazard: No fire hazard.

Explosion hazard: No direct explosion hazard.

Hazardous decomposition products in case of fire: Toxic fumes may be released

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878**5.3 Advice for firefighters**

Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Complete protective clothing.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

General measures: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

Protective equipment: Wear recommended personal protection equipment. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures: Ventilate spillage area. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2 Environmental precautions

Avoid release to the environment

6.3 Methods and material for containment and cleaning up

For containment: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up: Take up liquid spill into absorbent material

Other information: Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

Not expected to present a significant hazard under anticipated conditions of normal use.

Ensure good ventilation of the work station. Wear personal protective equipment

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

Technical measures: Keep in a cool, well-ventilated place away from heat.

Storage conditions: Keep cool. Protect from sunlight.

Packaging materials: Store always product in container of same material as original container.

7.3 Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

No additional information available.

8.2 Exposure controls

Wear recommended personal protective equipment

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Personal protective equipment symbol(s):



Eye protection: safety glasses

Skin and body protection: wear suitable protective clothing

Respiratory protection: In case of sufficient ventilation, wear suitable respiratory equipment

Thermal hazards: No additional information available

Environmental exposure controls: Avoid release to the environment.

Appropriate engineering controls: Ensure good ventilation of the workstation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid	
Colour	Not available	
Odour	Not available	
Odour threshold	Not available	
Melting point	Not available	
Freezing point:	Not available	
Boiling point	Not available	
Flammability	Not flammable	
Lower explosion limit	Not available	
Upper explosion limit	Not available	N.A.
Flash point	Not available	
Auto-ignition temperature	Not available	
Decomposition temperature	Not available	
pH	Not available	
Viscosity, kinematic	Not available	
Solubility	Not available	
Partition coefficient n-octanol/water (Log Kow)	Not available	
Vapour pressure:	Not available	
Vapour pressure at 50°C	Not available	
Density:	Not available	
Relative density	Not available	
Relative vapour density at 20°C	Not available	
Particle characteristics	Not applicable	

9.2 Other information

No additional information available

SECTION 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.

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878**10.4 Conditions to avoid**

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

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

(a) acute toxicity:

Not classified.

(b) skin corrosion/irritation:

Not classified.

(c) serious eye damage/irritation:

Not classified.

(d) respiratory or skin sensitisation:

Not classified.

(e) germ cell mutagenicity:

Not classified.

(f) carcinogenicity:

Not classified.

(g) reproductive toxicity:

Not classified.

(h) STOT-single exposure:

Not classified.

(i) STOT-repeated exposure:

Not classified.

(j) aspiration hazard:

Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties: None

Other information: No additional information available.

SECTION 12: Ecological information**12.1. Toxicity**

Ecology – general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short term (acute): Not classified

Hazardous to the aquatic environment, long-term (chronic): Not classified

12.2. Persistence and degradability

Rapidly degradable

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878**12.3. Bioaccumulative potential**

No additional information available.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Regional waste regulation: Disposal must be done according to official regulations.

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations: Disposal must be done according to official regulations.

Product/Packaging disposal recommendations: Disposal must be done according to official regulations.

Additional information: Do not re-use empty containers.

SECTION 14: Transport information**In accordance with ADR / IMDG / IATA / ADN / RID****14.1. UN number**

Not regulated for transport.

14.2. UN proper shipping name

Proper Shipping Name (ADR): Not regulated

Proper Shipping Name (IMDG): Not regulated

Proper Shipping Name (IATA): Not regulated

Proper Shipping Name (ADN): Not regulated

Proper Shipping Name (RID): Not regulated

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR): Not regulated

IMDG

Transport hazard class(es) (IMDG): Not regulated

IATA

Transport hazard class(es) (IATA): Not regulated

ADN

Transport hazard class(es) (ADN): Not regulated

RID

Transport hazard class(es) (RID): Not regulated

14.4. Packing group

Packing group (ADR): Not regulated

Packing group (IMDG): Not regulated

Packing group (IATA): Not regulated

Packing group (ADN): Not regulated

Packing group (RID): Not regulated

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878**14.5. Environmental hazards**

No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

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

Not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Regulations****REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

National Regulations/legislation:

Germany

Air Quality Control (TA Luft)

Category	Class	Applicable on	Local name	Max mass flow	Max mass concentration
----------	-------	---------------	------------	---------------	------------------------

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms:

ACGIH: American Conference of Government Industrial Hygienists
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ATE: Acute Toxicity Estimate
 BCF: Bioconcentration factor
 BLV: Biological limit value
 BOD: Biochemical oxygen demand (BOD)
 CAS: Chemical Abstracts Service Number
 CLP: Classification, Labelling, Packaging Regulation: Regulation (EC) No 1272/2008
 COD: Chemical oxygen demand
 CSA: Chemical safety assessment
 CSR: Chemical safety report
 DMEL: Derived Minimal Effect level
 DNEL: Derived No Effect Level
 EC No: European community number
 EC50: Median effective concentration
 ED: Endocrine disruptor
 EN: European standard
 EWC: European waste catalogue
 IARC: International Agency for Research on Cancer
 IATA: International Air Transport Association
 IMDG: International Maritime Code for Dangerous Goods
 LC50: Median lethal concentration
 LD50: Median lethal dose
 LOAEL: Lowest Observed Adverse Effect Level
 Log Kow: Partition coefficient n-octanol/water (Log Kow)
 Log Pow: Partition coefficient n-octanol/water (Log Pow)
 MAK: Maximum workplace concentration
 NOEAC: No-Observed Adverse Effect Concentration
 NOAEL: No-Observed Adverse Effect Level
 NOEC: No-Observed Effect Concentration
 N.O.S: Not Otherwise Specified
 OECD: Organisation for Economic Co-operation and Development
 OEL: Occupational Exposure Limit
 OSHA: Occupational Safety Health Administration
 PBT: Persistent Bioaccumulative Toxic
 PNEC: Predicted No-Effect Concentration
 PPE: Personal Protective Equipment
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
 SDS: Safety Data Sheet
 STP: Sewage Treatment Plant
 TF: Technical Function

SAFETY DATA SHEET according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ThOD: Theoretical oxygen demand (ThOD)
TLM: Median Tolerance Limit
TWA: Time Weighted Average
VOC: Volatile Organic Compounds
vPvP: Very Persistent and Very Bioaccumulative
UFI: Unique Formula Identifier

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.