



Material Safety Data Sheet/MSDS

This safety data sheet conforms to Regulation (EC) 1907/2006 as amended by Regulation (EU) 453/2010

Material: **Agrisec 250 Plus**
Material code: 667210 and 667215 SDS compiled: 24/06/2016

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product identifier

Chemical Name Not applicable (mixture)
Trade Name Agrisec Plus

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

Identified uses: Biocidal conditioner for animal bedding

Uses advised against: No known uses advised against

1.3 Details of the supplier of the safety data sheet

PestTrappa
Whittington Way
Chesterfield
S41 9AG

1.4 Emergency telephone number 01246 264635

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

CLP: Unclassified

2.2 Label elements

None (not classified as hazardous) other than:
[EUH208] Contains sodium p-toluenesulphonchloramide trihydrate. May produce an allergic reaction.

2.3 Other hazards

Unconfirmed possibility of dust explosion risk if significant dust is formed in a confined space.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

This product is a mixture containing no hazardous ingredients in declarable concentrations but contains the following sensitising substance. See Section 16 for text of risk phrases and hazard statements.

Substance and concentration	sodium p-toluenesulphonchloramide trihydrate (0.5%)
Identification numbers	CAS No. 7080-50-4
CLP Classification, signal word, hazard statement	Danger. H302 Acute Tox 4 H314 Skin Corr 1B H334 Resp Sens 1





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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If dust inhaled remove patient from exposure into fresh air and keep at rest. Obtain medical aid if symptoms occur.

Eye contact: Irrigate eyes with eyewash solution or clean water, holding the eyelids apart, for at least fifteen minutes (do not let run-off water contaminate unaffected eye). Obtain medical aid if irritation occurs.

Skin contact: Wash affected area thoroughly with water. Report for medical attention if irritation or rash occurs.

Ingestion: Unlikely to be required but in an exceptional case of significant ingestion do not induce vomiting, give patient plenty of water to drink if conscious, keep warm and at rest. If unconscious for any reason, place/transport patient in secured side recovery position. Obtain immediate medical aid.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Symptoms may include coughing and sneezing.

Eye contact: May cause irritation (eg redness, tears).

Skin contact: May cause irritation (eg reddening of skin, itching) to some people.

Ingestion: May cause gastric disturbance (eg vomiting, diarrhoea, stomach cramps).

4.3 Indication of any immediate medical attention and special treatment needed

Treatment should be symptomatic and supportive.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Material is reported to be non-combustible. Use extinguishing media appropriate for the combustible materials involved.

5.2 Special hazards arising from the substance or mixture

May produce toxic fumes of organic compounds and carbon monoxide.

5.3 Advice for fire-fighters

Wear standard protective clothing and breathing apparatus. If without risk remove packages from exposure to fire. As standard procedure prevent fire-fighting water from contaminating drains or water courses (cover drains or bund area if practicable).

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

As standard procedure keep people and animals away. Wear protective clothing as specified in Section 8.



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6.2 Environmental precautions

As standard procedure prevent fire-fighting water entering drains or watercourses – protect drains with covers.

6.3 Methods and material for containment and cleaning up

Shovel up avoiding formation of dust cloud and transfer to suitable container for possible reuse. A high efficiency triple filter spark proof industrial vacuum cleaner may also be used if more appropriate. Subsequently wash down affected area with detergent and water. Prevent contaminated wash water from entering drains or watercourses.

6.4 Reference to other sections

See also Sections 8 and 13.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle material in ways which minimises dust build up and ensure adequate filtered ventilation. See UK HSE Guidance HSG 103.

Avoid damaging packages. See Section 8 for occupational hygiene and exposure prevention measures.

7.2 Consideration for safe storage, including any incompatibilities

Material is relatively stable. Store in a designated, well ventilated, dry room or other suitable area at ambient temperatures.

7.3 Specific end uses

Conditioner for animal bedding.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limits (HSE EH40): None assigned to ingredients. In the UK an unspecified dust is deemed hazardous to health if present in the workplace at levels exceeding 4 mg/m³ respirable dust, 10 mg/m³ total inhalable dust (8 hour) (*COSHH Regulations*).

DNEL (derived no effect level): No data.

PNEC (predicted no effect concentration): No data.

8.2 Exposure controls

General: Check workplace instructions/procedures and risk assessments for any exposure control and personal protective equipment requirements (eg COSHH assessments in the UK). Exposure control measures and personal protective equipment specified in these risk assessments should take precedence over the more general recommendations below because they take into account highly variable factors specific to the workplace and activity concerned which cannot be anticipated in a safety data sheet. Otherwise:



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Engineering controls: If significant exposure to dust is likely it should be minimised by the use of appropriate containment, engineering control and ventilation measures. Where ventilation is used, adequate local exhaust ventilation is preferred where appropriate for some operations as it removes dust at source and minimises dispersal into the workplace.

Respiratory protection: If significant exposure to dust is likely and depending upon workplace/incident circumstances use filtering **respirator** with **filter cartridge Type P2 (Particulates)** or **breathing apparatus** – see additional information in Section 16 for types available. In an emergency or where the concentration of dust is unknown but could be high use clean air supplied breathing apparatus. Do not use a filtering respirator in: atmospheres containing <19.5% oxygen; poorly ventilated areas; confined spaces; when concentration of dust is unknown, is 'immediately dangerous to life or health' or is above any workplace exposure limit; for fire-fighting.

Eye protection: As standard procedure wear safety glasses with side pieces or safety goggles to EN166 or 29 CFR 1910.133.

Skin protection: Wear protective gloves to EN374 (eg rubber, pvc or nitrile rubber with minimum layer thickness 0.11 mm, and break through time 480 min). Do not wear damaged gloves. Check condition regularly for abrasion damage. Wear standard workplace protective clothing (eg washable or disposable overalls, protective footwear).

Environmental: Measures based on adequate handling practices and facilities, containment and filtered extraction intended to minimise exposure to the material should also minimise release of it to the environment. See also Section 6.2.

General hygiene: Remove overalls and personal protective equipment before eating, drinking or smoking and before entering office, eating or other 'clean' areas. Wash hands after contact with briquettes. Contaminated clothing and personal protective equipment should be cleaned before removal where practicable and before re-use; if not possible it should be disposed of as waste (see Section 13).



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance		Off white powder
Odour		Faint citrus
pH		Not applicable (insoluble solid)
Melting point	(°C)	Not applicable (vegetable-based component decomposes)
Initial boiling point	(°C)	Not applicable (partially decomposes)
Boiling range	(°C)	Not applicable (partially decomposes)
Evaporation rate		Not applicable (non-volatile solid)
Relative density		1.1
Vapour density	Air = 1	Not applicable (non-volatile solid)
Vapour pressure	kPa	Not applicable (non-volatile solid)
Viscosity (dynamic)	mPa	Not applicable (non-volatile solid)
Autoignition temperature	(°C)	Not known
Decomposition temperature	(°C)	Not determined
Flash point	(°C)	Not applicable (non-combustible solid)
Flammability (solid, gas)		Non-volatile solid
Flammability limits in air	%	Not applicable (non-combustible solid) (estimated)
Explosivity limits in air	%	Not applicable (non-combustible solid) (estimated)
Explosive potential		Not applicable (non-combustible solid) (estimated)
Oxidising potential		None (contains no oxidising components)
Solubility in water	g/L	Insoluble
Solubility in other	g/L	Probably insoluble
Log water/octanol partition coefficient		Not applicable (mixture)

9.2 Other information

No data

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

Not reported to be reactive under normal circumstances. Organic component may possibly react with strong oxidising agents.

10.2 Chemical stability

Thought to be chemically stable.

10.3 Possibility of hazardous reactions

Organic component may possibly react with strong oxidising agents. The minor component sodium p-toluenesulphonchloramide trihydrate reacts with acids to release a toxic gas.

10.4 Conditions to avoid

Damp.



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- 12.5 Results of PBT and vPvB assessment** The only hazardous component present sodium p-toluenesulphonchloramide trihydrate is not classified in this respect.
- 12.6 Other adverse effects** None known.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Handling: See Section 3, 11, 12 and 15 for hazard information, and Sections 7 and 8 for safe handling advice.

Material: Material may be disposed of at an approved waste disposal site in compliance with local regulations. The preferred method of disposal at such facilities may be incineration at >1100°C with a minimum residence time of 13 seconds, with off-gas scrubbing. Do not allow material to contaminate ground, watercourses, sewers or drains.

Packaging: Contaminated packaging may be disposed of as above. Uncontaminated packaging should normally be reused.

Regulations: Some or all of the following legislation may be applicable: (UK) Environmental Protection Act 1990, Part II; Environmental Protection (Duty of Care) Regulations 1991; The Waste Management Licensing Regulations 1994 (as amended).

SECTION 14 TRANSPORT INFORMATION

- 14.1 UN number** None (not dangerous for transport)
- 14.2 UN proper shipping name** None (not dangerous for transport)
- 14.3 Transport hazard class(es)** None (not dangerous for transport)
- 14.4 Packing group** None (not dangerous for transport)
- 14.5 Environmental hazards** None
- 14.6 Special precautions for user** None specific to transport
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not relevant

SECTION 15 REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture**
None identified (UK).
- 15.2 Chemical safety assessment**
A chemical safety assessment is not required for this product.

SECTION 16 OTHER INFORMATION

Abbreviations possibly used in this SDS:



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CLP:	Classification, Labelling and Packaging Regulation
CMR:	Carcinogen, mutagen, toxic for reproduction
LD50:	Lethal dose to 50% of test population
LC50:	Lethal concentration to 50% of test population
L(E)C50:	LD50 and/or LC50
LL50:	Lethal loading to 50% of test population
NOEC:	No observed effect concentration
NOELR:	No observed effect loading rate
REACH:	Regulation (The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (REACH) ((EC) 1907/2006)
UN:	United Nations Model Regulations on the Transport of Dangerous Goods

Sources of data used/checked for this SDS:

Supplier (safety data sheet and other information)
ECHA list of registered substances
CLP Regulation Annex VI
CLP Classification & Labelling Inventory
Various internet sources

Text of hazard and precautionary statements referred to in this SDS:

H301: Toxic if swallowed. H314: Causes severe skin burns and eye damage. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Additional information on respiratory protective equipment referred to in Section 8.2:

Respirator types – valve filtering half mask EN405, half mask EN140, full face mask EN136, powered (hood or helmet) EN146 and EN12941 or powered (full face mask) EN147; **breathing apparatus** types – fresh air hose EN138/269, light duty compressed airline (mask) EN12419, light duty compressed airline (hoods, helmets, visors) EN1835, constant flow compressed (hood, mask) EN270/271 and EN139, demand flow compressed airline (mask) EN139 or self-contained (SCBA) EN137. The type and effectiveness of the respiratory protective equipment to be selected cannot be prescribed in a safety data sheet as they depend upon highly variable factors (eg concentration of vapour at the workplace/incident) and circumstances (eg quantity, type of work/incident, location) – consult in-house specialist, workplace procedure or in-house risk assessment.

Changes made in this SDS:

None (original version)

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