SAFETY DATA SHEET

AGS 3506

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

AGS 3506

Product no.

3506

Unique formula identifier (UFI)

MJ70-V0NP-200C-T206

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

▼Relevant identified uses of the substance or mixture

Graffiti protection

Restricted to professional users.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Trion Tensid AB

Svederusgatan 1-3

SE-75450 Uppsala

Sweden

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www.trion.se

Contact person

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E-mail

info@trion.se

Revision

14/11/2024

SDS Version

5.0

Date of previous version

30/09/2022 (4.0)

1.4. ▼Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

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

Scotland - Dial 112 to reach NHS 24 (24 hour service)

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

See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

-

Prevention

-

Response

-

Storage

-

Disposal

-

Hazardous substances

None known.

▼Additional labelling

EUH208, Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothi. May produce an allergic reaction.
EUH210, Safety data sheet available on request.
The product contains a biocidal product.

UFI: MJ70-V0NP-200C-T206

2.3. Other hazards

▼Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. ▼Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Alcohols, C12-15, branched and linear, ethoxylated	CAS No.: 106232-83-1 EC No.: 500-294-5 UK-REACH:	<1%	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)	[19]

	Index No.:			
titanium dioxide	CAS No.: 13463-67-7 EC No.: 236-675-5 UK-REACH: Index No.:	<1%		
Alcohols, C12-18, ethoxylated	CAS No.: 68213-23-0 EC No.: UK-REACH: Index No.:	<0.25%	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[19]
Alcohols, C16-18 and C18 unsatd., ethoxylated	CAS No.: 68920-66-1 EC No.: UK-REACH: Index No.:	<0.25%	Acute Tox. 4, H302 Eye Dam. 1, H318	
Fatty alcohol polyglycol ether	CAS No.: 68439-49-6 EC No.: 500-212-8 UK-REACH: Index No.:	<0.25%	Acute Tox. 4, H302 Eye Dam. 1, H318	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

▼Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

▼Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. ▼Advice for firefighters

No specific requirements.

SECTION 6: Accidental release measures

6.1. ▼Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. ▼Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage conditions

4 - 25 Celcius

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. ▼Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

titanium dioxide
Long term exposure limit (8 hours) (mg/m^3): 10(inhalable)/4(respirable)

2-dimethylaminoethanol N,N-dimethylethanolamine
Long term exposure limit (8 hours) (ppm): 2
Long term exposure limit (8 hours) (mg/m^3): 7,4
Short term exposure limit (15 minutes) (ppm): 6
Short term exposure limit (15 minutes) (mg/m^3): 22

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

▼DNEL

tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	7500 mg/kg bw/d
Long term – Systemic effects - Workers	Dermal	15 000mg/kg bw/d
Long term – Systemic effects - General population	Inhalation	1,8 mg/m3
Long term – Systemic effects - Workers	Inhalation	7,3 mg/m3
Short term – Local effects - Workers	Inhalation	55 mg/m3
Short term – Systemic effects - Workers	Inhalation	55 mg/m3
Long term – Systemic effects - General population	Oral	1,5 mg/kg bw/d

▼PNEC

tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	2 mg/L
Intermittent release	Continuous	1 mg/L
Marine water	Single	0,2 mg/L

8.2. ▼Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

▼Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

▼Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
Respiratory protection is not needed in the event of adequate ventilation	-	-	-

Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Latex	0.4	-	EN374-2, EN388

Eye protection

Type	Standards
Wear safety glasses with side shields.	EN166

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Muddy

Odour / Odour threshold

Faint

pH

8,5

Density (g/cm^3)

1

▼Kinematic viscosity

No relevant or available data due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

▼Melting point/Freezing point (°C)

No relevant or available data due to the nature of the product.

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

100

▼Vapour pressure

No relevant or available data due to the nature of the product.

▼Relative vapour density

No relevant or available data due to the nature of the product.

▼Decomposition temperature (°C)

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Not applicable - flash point > 200°C

Flammability (°C)

Not applicable - flash point > 200°C

Auto-ignition temperature (°C)

Not applicable - flash point > 200°C

Lower and upper explosion limit (% v/v)

Not applicable - flash point > 200°C

Solubility

Solubility in water

Completely soluble

▼n-octanol/water coefficient (LogKow)

No relevant or available data due to the nature of the product.

▼Solubility in fat (g/L)

No relevant or available data due to the nature of the product.

9.2. Other information

Dust explosion class

St0 (No explosion)

Other physical and chemical parameters

No data available.

▼Oxidizing properties

No relevant or available data due to the nature of the product.

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.

10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

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

▼Acute toxicity

Product/substance	Alcohols, C12-15, branched and linear, ethoxylated
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	500-2000 mg/kg ·

Product/substance	titanium dioxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>10000 mg/kg ·

Product/substance	titanium dioxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>6,8 mg/L ·

Product/substance	titanium dioxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>10000 mg/kg ·

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	6,1 mg/L

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	1220 mg/kg

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2 g/kg

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2130 mg/kg

Product/substance	tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

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

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

Long term effects
None known.

▼Endocrine disrupting properties
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

titanium dioxide has been classified by IARC as a group 2B carcinogen.

SECTION 12: Ecological information

12.1. ▼Toxicity

Product/substance	Alcohols, C12-15, branched and linear, ethoxylated
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	1-10 mg/kg ·

Product/substance	Alcohols, C12-15, branched and linear, ethoxylated
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	130 mg/kg ·

Product/substance	titanium dioxide
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>1000 mg/L ·

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Algae
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Daphnia
Duration:	48 hours
Test:	LC50
Result:	89,37 mg/L

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	100-220 mg/L

Product/substance	tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Daphnia
Duration:	48 hours
Test:	EC50

Result:	>265 mg/L

Product/substance	tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Algae
Duration:	72 hours
Test:	IC50
Result:	>100 mg/L

12.2. ▼Persistence and degradability

Product/substance	Alcohols, C12-15, branched and linear, ethoxylated
Result:	>60%
Conclusion:	Readily biodegradable
Test:	OECD 301 B

Product/substance	titanium dioxide
Conclusion:	Readily biodegradable

Product/substance	Alcohols, C12-18, ethoxylated
Conclusion:	Readily biodegradable

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
Conclusion:	Readily biodegradable

Product/substance	tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Conclusion:	Readily biodegradable

12.3. ▼Bioaccumulative potential

Product/substance	Alcohols, C12-15, branched and linear, ethoxylated
Conclusion:	No potential for bioaccumulation

Product/substance	titanium dioxide
Conclusion:	No potential for bioaccumulation

Product/substance	Alcohols, C12-18, ethoxylated
Conclusion:	No potential for bioaccumulation

Product/substance	2-dimethylaminoethanol N,N-dimethylethanolamine
LogKow:	-0,55
Conclusion:	No potential for bioaccumulation

Product/substance	tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
LogKow:	<0
Conclusion:	No potential for bioaccumulation

12.4. Mobility in soil

No data available.

12.5. ▼Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

SECTION 13: Disposal considerations

13.1. ▼Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
After dilution with water, small quantities are permitted to go to water treatment plants. Empty packages and product residues must be handled in an environmentally correct manner according to applicable laws and provisions. The company is affiliated to REPA. Do not attempt to refill or clean the package.

▼EWC code

20 01 30 Detergents other than those mentioned in 20 01 29

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼REACH, Annex XVII

2-dimethylaminoethanol N,N-dimethylethanolamine is subject to UK-REACH restrictions (entry 40).

Additional information

Not applicable.

Sources

In accordance with Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
H318, Causes serious eye damage.
H400, Very toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number

SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

Not applicable.

The safety data sheet is validated by

RO

▼Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en