



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date	13th May 2022	Version	5.5
Revision date			

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

- 1.1. Product identifier** ATLAS GRUNTO-PLAST
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use

Main intended use

PC-PNT-OTH Other paints and coating materials

Mixture uses advised against

not available

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	ATLAS sp. z o.o.
Address	ul. Jana Kilińskiego 2, Łódź, 91-421 Poland
VAT Reg No	PL9471936467
Phone	+48 42 631 89 45
E-mail	msds@atlas.com.pl
Web address	www.atlas.com.pl

Competent person responsible for the safety data sheet

Name	ATLAS sp. z o.o.
E-mail	msds@atlas.com.pl

1.4. Emergency telephone number

112 - emergency number
+48 800 168 083 - ATLAS INFOLINE telephone, open from Monday to Friday between 8:00 am - 4:00 pm, other information is answered by the machine.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

2.2. Label elements

Precautionary statements

P102 Keep out of reach of children.

Supplemental information

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH208 Contains masa poreakcyjna: 5-chloro-2-metylo-2H-izotiazol-3-onu i 2-metylo-2H-izotiazol-3-onu (3:1) (CAS:55965-84-9). May produce an allergic reaction.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Contains biocidal products Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole 2,5 (1H, 3H) -dione CAS: 5395-50-6 Post-reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H isothiazol-3-one CAS: 55965-84-9



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date

13th May 2022

Revision date

Version

5.5

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5	titanium dioxide	1-5	Carc. 2, H351 (inhalation)	2, 3, 4, 5
EC: 919-446-0 Registration number: 01-2119458049-33-XXXX	C9-C12 hydrocarbon mixture	0,8-1	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 STOT RE 1, H372 (respiratory tract) (inhalation) Aquatic Chronic 2, H411 EUH066	
CAS: 5395-50-6 EC: 226-408-0	Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6)	0,05-0,1	Skin Sens. 1B, H317	
Index: 613-167-00-5 CAS: 55965-84-9	Post-reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3: 1). CAS: 55965-84-9	0-0,00149	Acute Tox. 3, H301 Acute Tox. 2, H310+H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 Specific concentration limit: Eye Irrit. 2, H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A, H317: C ≥ 0,0015 % Skin Irrit. 2, H315: 0,06 % ≤ C < 0,6 % Skin Corr. 1C, H314: C ≥ 0,6 % Eye Dam. 1, H318: C ≥ 0,6 %	1

Notes

- Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- Note V: If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.
- Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.
- Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.
- Substance with a Union workplace exposure limit.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date	13th May 2022	Version	5.5
Revision date			

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

If inhaled

Not expected.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Not expected.

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

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

6.4. Reference to other sections

See the Section 7, 8 and 13.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date

13th May 2022

Revision date

Version

5.5

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in a dedicated, cool, dry and well ventilated place. Storage temperature from + 5 ° C to + 30 ° C. Before use, the product should be mixed.

Content	Packaging type	Material of package
2 kg	bucket	PP
5 kg	bucket	PP

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

United Kingdom

EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Substance name (component)	Type	Value	Note
titanium dioxide (CAS: 13463-67-7)	WEL 8h	10 mg/m ³	total inhalable
	WEL 8h	4 mg/m ³	respirable

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

It is not needed.

Skin protection

When handling in long-term or repeatedly, use protective gloves.

Respiratory protection

A half-mask with a filter against organic vapors, or an isolating respirator in the event of exceeding the substance or in an environment with poor ventilation. Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Data not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	white
Odour	Characteristic for acrylic dispersion
Melting point/freezing point	not applicable
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	non-flammable
Lower and upper explosion limit	not determined
Flash point	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not determined
pH	8-9 (undiluted)
Kinematic viscosity	not determined
Viscosity	Brookfield DV II+ S05 20 rpm
Solubility in water	miscible



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date	13th May 2022	Version	5.5
Revision date			

Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	not determined
Density and/or relative density	
Density	1,4 g/cm ³
Relative vapour density	not determined
Particle characteristics	not determined
Form	liquid

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - 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

not available



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date

13th May 2022

Revision date

Version

5.5

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6)

Parameter	Method	Value	Time of exposure	Species	Environment
EC ₅₀	OECD 202	38.9 mg/l	48 hour	Daphnia (Daphnia magna)	
LC ₅₀	OECD 203	17.6 mg/kg	96 hour	Fishes (Oncorhynchus mykiss)	
NOEC	OECD 211	11.2 mg/l	21 day	Other aquatic organisms (Daphnia magna)	
NOEC	OECD 201	3.93 mg/l	72 hour	Algae (Selenastrum capricornutum)	
EC ₅₀	OECD 209	>1000 mg/kg	0,5 hour	Other aquatic organisms	

12.2. Persistence and degradability

Biodegradability

Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6)

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301A	>70 %			

not available

12.3. Bioaccumulative potential

Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6)

Parameter	Method	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
EC ₅₀	OECD 201	8.5 mg/l	72 hour	Other aquatic organisms (Desmodesmus subspicatus)		
BCF	OECD 107	1.41				

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date	13th May 2022	Version	5.5
Revision date			

Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

08 01 99 wastes not otherwise specified

Packaging waste type code

15 01 02 plastic packaging

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Environmental Protection Act 1990 as amended. Clean Air Act 1993 as amended. Public health act 1961. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer if inhaled.
H372	Causes damage to the respiratory tract through prolonged or repeated exposure if inhaled.
H400	Very toxic to aquatic life.



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date

13th May 2022

Revision date

Version

5.5

H410

Very toxic to aquatic life with long lasting effects.

H411

Toxic to aquatic life with long lasting effects.

H310+H330

Fatal in contact with skin or if inhaled.

Guidelines for safe handling used in the safety data sheet

P102

Keep out of reach of children.

A list of additional standard phrases used in the safety data sheet

EUH211

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH208

Contains masa poreakcyjna: 5-chloro-2-metylo-2H-izotiazol-3-onu i 2-metylo-2H-izotiazol-3-onu (3:1) (CAS:55965-84-9). May produce an allergic reaction.

EUH066

Repeated exposure may cause skin dryness or cracking.

EUH071

Corrosive to the respiratory tract.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR

European agreement concerning the international carriage of dangerous goods by road

BCF

Bioconcentration Factor

CAS

Chemical Abstracts Service

CE₅₀

Concentration of a substance when it is affected 50% of the population

CLP

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

EINECS

European Inventory of Existing Commercial Chemical Substances

EmS

Emergency plan

EuPCS

European Product Categorisation System

IATA

International Air Transport Association

IBC

International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals

ICAO

International Civil Aviation Organization

IMDG

International Maritime Dangerous Goods

INCI

International Nomenclature of Cosmetic Ingredients

ISO

International Organization for Standardization

IUPAC

International Union of Pure and Applied Chemistry

LC₅₀

Lethal concentration of a substance in which it can be expected death of 50% of the population

log K_{ow}

Octanol-water partition coefficient

LZO

Volatile organic compounds

MARPOL

International Convention for the Prevention of Pollution from Ships

NOEC

No observed effect concentration

OEL

Occupational Exposure Limits

PBT

Persistent, Bioaccumulative and Toxic

ppm

Parts per million

REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals

RID

Agreement on the transport of dangerous goods by rail

UE

European Union

UN

Four-figure identification number of the substance or article taken from the UN Model Regulations

UVCB

Substances of unknown or variable composition, complex reaction products or biological materials

vPvB

Very Persistent and very Bioaccumulative

WE

Identification code for each substance listed in EINECS

Acute Tox.

Acute toxicity

Aquatic Acute

Hazardous to the aquatic environment

Aquatic Chronic

Hazardous to the aquatic environment (chronic)

Asp. Tox.

Aspiration hazard



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

ATLAS GRUNTO-PLAST

Creation date	13th May 2022	Version	5.5
Revision date			

Carc.	Carcinogenicity
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.