

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Name of the mixture: Facade paint IGIS F.

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

Recommended use of the chemical: For finishing building's facades of mineral construction materials (concrete, plaster, filled, brick masonry, etc.)

Restrictions on use: do not use for other purposes.

1.3. Details of the supplier of the safety data sheet

Manufacturer: Sole Proprietorship of I. Krisciunas "IGIS"

Address: Tinklu str. 33-1, LT 35115 Panevezys, Lithuania

Phone: +370 684 72323

Website: <http://www.igis.lt>

E-mail of the duly authorized representative responsible for the safety data sheet: laboratorija@igis.lt

1.4. Emergency telephone number: Lithuanian Poisons Information and Emergency Aid Center, 24/7: Phone +370 5 236 20 52, mob. +370 687 533378, web page <http://www.apsinuodijau.lt/>.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification and labelling in accordance with Regulation (EC) No 1272/2008:

GHS07

Skin Sens. 1A, H317: May cause an allergic skin reaction.

Aquatic Chronic 3, H412: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labeled in accordance with Regulation (EC) No. 1272/2008:

GHS07

Signal word: Warning.

Hazard statements:

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

Precautionary statements:

General:

P102 - Keep out of reach of children.

Prevention:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray;

P272 - Contaminated work clothing should not be allowed out of the workplace;

P273 - Avoid release to the environment;

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352 - IF ON SKIN: Wash with plenty of soap and water;

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention;

P321 - Specific treatment (see Section 4);

P363 - Wash contaminated clothing before reuse.

Storage:

P501 - Dispose of contents/container (see Section 13).

Additional information on hazards: EUH208 - contains chloromethylisothiazolinone and methylisothiazolinone 3:1 (CMIT/MIT 3:1), 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one and 2-octyl-2H-isothiazol-3-one. May cause allergic reaction.

EUH210 - Safety data sheet is available on request.

The Biocidal Product Regulation (EU) No. 528/2012: contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one and 2-octyl-2H-isothiazol-3-one, used as preservatives in storage products in accordance with Article 58, Paragraph 3 of Regulation (EU) No. 528/2012 on biocidal products.









2.3. Other hazards





In accordance with Regulation (EC) No. 1907/2006, Annex XIII, the product does not meet the criteria for PBT (persistent, bioaccumulative, and toxic) or vPvB (very persistent and very bioaccumulative) classification.

The product does not meet the criteria for endocrine-disrupting properties in accordance with Regulation (EU) 2017/2100.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.2. Mixtures
Components

Chemical name	Identifiers	Concentration (mass %)	Classification ¹⁾ according to Regulation (EC) No. 1272/2008 (CLP); M-factor; ATE
Titanium dioxide (TiO ₂)*	CAS No 13463-67-7 EC No 236-675-5 REACH No: 01-2119489379-17-xxxx	<30	Not classified ²⁾
1,1,1-trimethylolpropane (propylidynetrimethanol)	CAS No 77-99-6 EC No 201-074-9 REACH No: 01-2119486799-10-XXXX	≤0,2	Rep. Tox. 2, H361d, H361
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5 EC No 220-120-9 REACH No: 01-2120761540-60 Index No: 613-088-00-6	<0,036	Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317; ATE: ATE oral: 450 mg/kg ATE, dusts and mist, 4 val, inhalation: 0,21 mg/l Specific concentration limit: Skin. Sens. 1A; H317: C ≥ 0,036 %

Chemical name	Identifiers	Concentration (mass %)	Classification ¹⁾ according to Regulation (EC) No. 1272/2008 (CLP); M-factor; ATE
octhilonone (ISO); 2-octyl-2H- isothiazol-3-one	CAS No 26530-20-1 EC No 247-761-7 Index No: 613-112-00-5	<0,005	 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330;  Skin Corr. 1, H314, Eye Dam. 1, H318;  Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1 H410 (M=100);  Skin Sens. 1A, H317; Specific concentration limit: Skin. Sens. 1A; H317: C ≥ 0,0015 % EUH071 ATE: LD ₅₀ oral: 125 mg/kg LD ₅₀ dermal: 311 mg/kg LC ₅₀ /4 h inhalation: 0,27 mg/l
reaction mass of 5- chloro-2- methyl-2H- isothiazol-3-one and 2-methyl-2H- isothiazol-3-one (3:1)	CAS No 55965-84-9 REACH No: 01- 2120764691-48 Index No: 613-167-00-5	<0,0016	 Acute Tox. 2, H310; Acute Tox. 2, H330; Acute Tox. 3, H301;  Skin Corr. 1C, H314, Eye Dam. 1, H318;  Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1 H410 (M=100);  Skin Sens. 1A, H317; EUH071 ATE: ATE oral LD ₅₀ : 66 mg/kg ATE dermal LD ₅₀ : >141 mg/kg Specific concentration limit: Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin. Sens. 1A; H317: C ≥ 0,0015 %

Chemical name	Identifiers	Concentration (mass %)	Classification ¹⁾ according to Regulation (EC) No. 1272/2008 (CLP); M-factor; ATE
2-methylisothiazol-3(2H)-one	CAS No 2682-20-4 EC No 220-239-6 REACH No: 01-120764690-50 Index No: 613-326-00-9	<0,0015	 Acute Tox. 2, H330; Acute Tox. 3, H301; Acute Tox. 3, H311;  Skin Corr. 1B, H314, Eye Dam. 1, H318;  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1 H410 (M=1);  Skin Sens. 1A, H317; EUH071 ATE: ATE oral LD ₅₀ : 120 mg/kg ATE dermal: 300 mg/kg ATE, dusts and mist, 4 val, inhalation: 0,134 mg/l Specific concentration limit: Skin. Sens. 1A; H317: C ≥ 0,0015 %

¹⁾ For hazard statements please refer to Section 16.

²⁾ - In accordance with Regulation (EC) No. 1272/2008, TiO₂ is classified as a Category 2 inhalation carcinogen if in powder form containing 1% or more particles with an aerodynamic diameter of ≤10 µm. In this case, titanium dioxide is not classified as a hazardous substance.

* - substances for which Union workplace exposure limits have been established.

Components with occupational exposure limit values are listed in Section 8.*

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information: in all cases where there is doubt or symptoms occur seek medical advice. If the victim has lost consciousness, do not give to drink or eat. Lay the unconscious person on the side, ensure open air passage. Loosen tight clothing such as a collar, tie, belt or waist. Seek medical attention immediately.

Inhalation: take the victim to fresh air, provide silence. Seek medical attention if symptoms persist.

Skin contact: wash exposed areas with plenty of soap and water. If symptoms occur, seek medical attention. Do not use solvents or thinners for washing the skin. If the skin dries, apply regular skin moisturizers.

Eye contact: immediately rinse the eyes with clean running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if any. In case of irritation, seek medical attention.

Ingestion: rinse mouth with water. Take the affected person to fresh air, keep in a warm place, do not disturb. Seek medical help. Show the packaging or label of this product. Do not induce vomiting.

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

See in Section 11.

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

In case of suspicion or discovery of the toxicity of this material, must immediately contact the Poison Control and Information Office.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: in case of fire, use spray water mist, alcohol-resistant foam, dry extinguishing powder, carbon dioxide CO₂.

Unsuitable extinguishing media: strong water flow.

5.2. Special hazards arising from the substance or mixture

Hazardous products of combustion: during combustion, black dense smoke containing hazardous gases and other decomposition/combustion products is released: carbon oxides and traces of incompletely burnt carbon. For further information on degradation/combustion products, see Section 10.

5.3. Advice for firefighters

Special protective equipment for fire-fighters: wear non-flammable protective clothing made of impregnated fabrics and a self-contained breathing equipment (standard EN 469) with a full-face mask providing positive pressure.

Other instructions: prevent liquids from the fire from entering sewers or water bodies.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: in case of spillage take precautionary measures in accordance with sections 7 and 8. Avoid any contact with skin and eyes. Use personal protective equipment. The floor may become slippery, there is a risk of slipping on the spilled product.

6.2. Environmental precautions: ensure that the spilled material does not spread to the environment, does not enter the soil, surface waters, water bodies, air and sewerage networks. If the product has been released into the environment, inform the regional environmental department.

6.3. Methods and material for containment and cleaning up: avoid direct contact with spillage material; if possible, eliminate the leak. If the spillage is large, encircle the mass accumulation site with an embankment, pump off the collected mass. Sprinkle a small amount of the cast mass with a non-combustible, absorbent material such as sand, earth, sawdust and collect it in a suitable closed container for waste. Wash the contaminated surface with water. Do not use solvents. Collect and dispose of waste. Waste is disposed of in accordance with waste management requirements (see Section 13).

6.4. Reference to other sections

Personal protective equipment is provided in Section 8.

See section 13 for waste management.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling: use the paint according to its purpose as indicated in the technical specifications. Observe the warning signs on the packaging. Use personal protective equipment specified in Section 8. Avoid contact with eyes, respiratory system, skin or clothing. Use special aerosol-retaining respirators when spraying the paint. It is forbidden to eat, drink and smoke in the area where this product is used, stored and processed. Stir the product well before use. Wash your hands before breaks and after use. Upon completion of work the containers must be tightly closed.

7.2. Conditions for safe storage, including any incompatibilities: keep at the temperatures +5 °C - +30 °C. Protect from freeze. Keep in the original package away from direct sunlight. Store in a dry, cool and well-ventilated place away from heat, sources of combustion, incompatible substances (see Section 10) and food or drinks. Opened packages must be re-sealed hermetically and stored vertically so as not to spill the product. Do not store the product in packages without labels.

Incompatible chemicals: flammable substances, oxidizing substances, strong acids, strong alkalis.

Packaging materials: original, properly labelled, tightly closed plastic packaging.

7.3. Specific end use(s): facade paint.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values. Substances, components of the mixture bounded by concentration limit values (RD) in the ambient air of the working environment:

Chemical substance		Occupational value (HN 23:2011)						Health markers
The name	CAS No.	Long-term exposure limit value (IPRD)		Short-Term exposure limit value (STEL)		Limit value not to be exceeded (NRD)		
		mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm	
Titanium dioxide	13463-67-7	5	-	-	-	-	-	

HN 23:2011 - Lithuanian Hygiene Standard (Norm) "Occupational exposure limit values for chemicals. General requirements for measurement and impact assessment".

Chemical substance	CAS No.	Source (the basis)	Value
2-octyl-2H-isothiazol-3-one	26530-20-1	TRGS 900	AGW: 0,05 E mg/m ³

AGW - Occupational exposure limit in the workplace air (German: Arbeitsplatzgrenzwert);

TRGS 900 - German Technical Ordinance on Dangerous Substances (in German: Technische Regeln für Gefahrstoffe 900).

DNELs and PNECs values: not identified.

8.2. Exposure controls

Technical Measures: use only in well-ventilated areas so that exposure does not exceed recommended or established limits.

Personal protective equipment:

Eye/face protection: use well-fitting safety goggles or chemical-resistant face shields in accordance with EN 166.

Hand protection: use protective chemical-resistant, nitrile rubber (NBR) gloves that meet the requirements of LST EN 374. If long-term or repeated contact with the product is expected, it is recommended to wear gloves with permeability type A, otherwise type B is suitable. The thickness of the glove must, depending on model and type of material, generally be more than 0.35 mm to offer sufficient protection for prolonged and frequent contact with the substance. Change gloves immediately after contamination with product.

Skin protection: personal protective equipment must be chosen taking into account the tasks to be carried out and the risks involved.

Respiratory protection: appropriate respiratory protective equipment complying with the requirements of Directives 89/656/EEC, 89/686/EEC must be used: masks or half masks with a filter for protection against vapours and gases of organic substances (protection level - A1 or A2 in accordance with LST EN 14387) or filtered half masks with valves for protection against gases FFA1 or FFA2 in accordance with LST EN 405. In addition, use filters (A2/P2 combination filter) to protect against liquid aerosols when spraying.

Environmental exposure control: see Sections 6 and 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state - viscous liquid mass

Colour - white or tinted

Odour – low specific

Melting point/freezing point, °C - the product freezes in subzero temperature

Boiling point or initial boiling point and boiling range, °C - ~100

Flammability - N/A

Lower and upper explosion limit - N/A

Flash point, °C - N/A

Auto-ignition temperature, °C - N/A

Decomposition temperature, °C - N/A

pH - 8,0-9,0 (at 20 °C)

Solubility - miscible with water

Partition coefficient n-octanol/water (log value) - N/A

Vapour pressure, kPa - N/A

Density, g/cm³ - 1,390-1,430 (at 20 °C)

Relative vapour density, g/cm³ - N/A

Dynamic viscosity, mPas - 300-1000 (20 °C), Brookfield, rotor No. 5, 1 rpm

9.2. Other information

No other relevant information.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: hazardous reactions are not expected when the product is stored according to the storage instructions (see Section 7).

10.2. Chemical stability: the product is stable under recommended storage and handling conditions (see Section 7).

10.3. Possibility of hazardous reactions: no dangerous reactions known.

10.4. Conditions to avoid: protect from direct sunlight and contact with heat sources. Protect from freezing and high temperatures.

10.5. Incompatible materials: avoid contact with oxidizing agents, strong alkalis and acids.

10.6. Hazardous decomposition products: does not decompose under normal conditions of storage and use. When exposed to high temperatures, can emit substances dangerous to health. During combustion (during thermal destruction) emits carbon monoxide (CO), carbon dioxide (CO₂), hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

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

a) acute toxicity

The mixture is not classified as acutely toxic.

b) skin corrosion/irritation

The mixture is not classified as corrosive/irritant to the skin.

c) serious eye damage/irritation

The mixture does not meet the classification criteria based on available data.

d) respiratory or skin sensitisation

The mixture is classified as a skin sensitizer: Skin Sens. 1A H317 – may cause an allergic skin reaction. Classification-determining components: 2-octyl-2H-isothiazol-3-one and CMIT/MIT (3:1). It contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one in a 3:1 ratio, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, and 2-octyl-2H-isothiazol-3-one – may cause an allergic reaction.

e) germ cell mutagenicity

The mixture does not meet the classification criteria based on available data.

f) carcinogenicity

The mixture does not meet the classification criteria based on available data.

g) reproductive toxicity

The mixture does not meet the classification criteria based on available data.

h) STOT-single exposure

The mixture does not meet the classification criteria based on available data.

i) STOT-repeated exposure

The mixture does not meet the classification criteria based on available data.

j) aspiration hazard

The mixture does not meet the classification criteria based on available data.

Information on likely routes of exposure:

Inhalation: this mixture does not cause any health disturbance when used with appropriate equipment and under the recommended conditions of use. For sensitive individuals, prolonged inhalation of paint vapours may cause eye and respiratory tract irritation.

Ingestion: depending on the amount, the mucous membrane of the gastrointestinal tract may be irritated. Ingestion of higher amounts of the product may cause malaise and gastroenterological disorders with vomiting and abdominal pain.

Eye contact: splashes of liquid can cause irritation and inflammatory changes.

Skin contact: repeated or prolonged contact with the product may cause skin irritation. The natural layer of fat can be damaged, and contact dermatitis can occur. Contains a small amount of allergenic substances, which may cause allergic reactions in sensitive individuals due to direct skin contact.

The information provided is based on toxicity data for components and similar products.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

This mixture does not contain substances with endocrine-disrupting properties that may cause adverse effects on human health, as defined in Regulation (EC) No. 1907/2006, Regulation (EU) 2017/2100, and Regulation (EU) 2018/605, at concentrations of 0.1% or higher.

11.2.2. Other information

No other relevant information.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity: the product has been assessed using the standard method of the Dangerous Preparations Directive, and it has been determined that the content of the hazardous chemical 2-octyl-2H-isothiazol-3-one causes Category 3 H412 - chronic toxicity to the aquatic environment. Further information on this is provided in Section 2.

12.2. Persistence and degradability: depending on the characteristics of individual components, the product has been assessed as not easily degradable in accordance with the OECD classification.

12.3. Bioaccumulative potential: bioaccumulation is not expected.

12.4. Mobility in soil: N/A.

12.5. Results of PBT and vPvB assessment: this mixture does not contain components classified as persistent, bioaccumulative, and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

12.6. Endocrine disrupting properties: this mixture does not contain substances with endocrine-disrupting properties that may cause adverse effects on human health, as defined in Regulation (EC) No. 1907/2006, Regulation (EU) 2017/2100, and Regulation (EU) 2018/605, at concentrations of 0.1% or higher.

12.7. Other adverse effects: N/A.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste disposal of the product: Article 58 of Regulation (EU) No 528/2012 on biocidal products - 8 01 12 " waste paints and varnishes other than those mentioned in *8 01 11" (2000/532/EC, 2001/118/EC, 2001/119/EC, 2001/573/EC). Product waste can be incinerated in special facilities.

Disposal of contaminated packaging: remove all product from packaging and clean thoroughly before processing. Packaging waste must be handled in accordance with the Law on Packaging and Packaging Waste Management and the Packaging and Packaging Waste Management Regulations. Packaging code 15 01 02 "Plastic Packaging". Dry empty package must be disposed of in landfills or reused.

SECTION 14. TRANSPORT INFORMATION

Based on national and international shipping rules, the cargo is classified as non-hazardous. Transport may take place according to ADR for transport by road, RID for transport by train, IMDG for transport by sea or IATA for transport by air.

14.1. UN number or ID number

IMDG, ADR, RID, ADN, IATA - not classified as transportation of dangerous goods.

14.2. UN proper shipping name

ADR, RID, ADN - not classified as transportation of dangerous goods.

14.3. Transport hazard class(es)

ADR, RID, ADN - not classified as transportation of dangerous goods.

14.4. Packing group

ADR, RID, ADN - not classified as transportation of dangerous goods.

14.5. Environmental hazards

ADR, RID, ADN - not classified as transportation of dangerous goods.

14.6. Special precautions for user

Avoid temperatures below +5 °C. Keep separately from food products.

14.7. Maritime transport in bulk according to IMO instruments

N/A

SECTION 15. REGULATORY INFORMATION

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

REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer - not applicable.

REGULATION (EU) 2019/1021 on persistent organic pollutants (recast) - not applicable.

REGULATION (EU) No 649/2012 concerning the export and import of hazardous chemicals (recast) - not applicable.

Amending Annex XVII to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as regards carcinogenic, mutagenic or reproductive toxicant (CMR) substances - not applicable.

Directive 2012/18/EU (SEVESO III) on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC - not applicable.

REACH Regulation (EC) No 1907/2006 Article 59 on the candidate list of substances of very high concern for authorisation - not applicable.

REACH Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles - not applicable.

Volatile Organic Compounds (VOC) in paints, Directive 2004/42/EC - Subcategory 1.1. c) (A/c/WB <40 g/l (2010)). VOC content in this product: <30 g/l.

15.2. Chemical safety assessment: not performed.

SECTION 16. OTHER INFORMATION

Indication of changes: a new SDS was prepared, grouping the products and revised to comply with Regulation (EU) 2020/878 of 18 June 2020, which amends Annex II of REACH Regulation (EC) No. 1907/2006.

A key or legend to abbreviations and acronyms used in the safety data sheet:

CMIT/MIT 3:1 - chloromethylisothiazolinone/methylisothiazolinone (CMIT/MIT) is a fixed combination preservative mixture (ratio 3/1);

CAS No - CAS numbers are unique identifiers for chemicals, assigned by the Chemical Abstracts Service (CAS) of the American Chemical Society;

M-factor - means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present;

ATE - acute toxicity values are expressed as (approximate) LD₅₀ (oral, dermal) or LC₅₀ (inhalation) values or as acute toxicity estimates (ATE);

CLP - Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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;

EC No (EINECS) - European inventory of Existing Commercial chemical Substances;

REACH No - A REACH registration number is an 18-digit number assigned by the European Chemicals Agency (ECHA);

Index No - The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008;

PBT- persistent, bio-accumulative and toxic substances;

vPvB- very persistent, very bioaccumulative substances;

EUH071 - 'Corrosive to the respiratory tract';

N/A - not applicable;

Skin. Corr. 1B - Skin corrosion and irritation, category 1B;

Skin Corr. 1C - Skin corrosion and irritation, category 1C;

Eye Dam. 1 - Serious eye damage and eye irritation, category 1;

Eye Irrit. 2 - Eye irritation, category 2;

Acute Tox. 4 - Acute Toxicity, category 4;

Acute Tox. 3 - Acute Toxicity, category 3;

Acute Tox. 2 - Acute Toxicity, category 2;

Rep. Tox. 2 - Reproductive toxicity, Category 2;

Aquatic Acute 1 - Hazardous to the aquatic environment - acute hazard to the aquatic environment, category 1;

Aquatic Chronic 1 - Hazardous to the aquatic environment - long-term hazard to the aquatic environment, category 1;

Skin Irrit. 2 - Skin irritation, category 2;

Skin Sens. 1A - Skin sensitive, category 1A;

STOT - Specific target organ toxicity;

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR);

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail (RID);

ADN - International Civil Aviation Organization (ICAO) International Air Transport Association (IATA);

IMDG - International Maritime Organization (IMO) International Maritime Dangerous Goods Code (IMDG).

Key literature references and sources for data:

-Regulation (EC) No 1272/2008 of the European Parliament and of the Council 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;

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH);

- Commission Regulation (EU) No 2015/830 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH);

- Commission Regulation (EU) No 2020/878 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and

Restriction of Chemicals (REACH);

- Pursuant to HN 23 Occupational Exposure Limit Values of Chemical Substances. General Requirements for Measuring and Exposure Assessment;
- Pursuant to the valid Regulations on Employee Protection from Chemical Factors at Work and Regulations on Employee Protection from Cancerogenic, Mutagenic and Reprotoxic substances Effects at Work;
- Pursuant to the valid Law on Waste Management of the Republic of Lithuania;
- Pursuant to the valid Law on Packaging and Packaging Waste Management of the Republic of Lithuania;
- Pursuant to the valid Waste Management Rules;
- Pursuant to the valid Rules on Labelling and Price Indication of Products (Goods) to be Sold of the Republic of Lithuania;
- Pursuant to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR); (Official Gazette, 2003, No. 46-1);
- Pursuant to the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID);
- Pursuant to the International Maritime Dangerous Goods Code (IMDG)

The mixture is assessed by calculation and classified in accordance with Regulation (EC) No. 1272/2008 as hazardous due to the components of the biocides used in the product – 2-octyl-2H-isothiazol-3-one and CMIT/MIT (3:1) – exceeding the specific concentration limits ($C \geq 0.0015$).

Full text of classifications (EU) referred to in sections 2 and 3:

H301 Toxic if swallowed
H302 Harmful if swallowed
H310 Fatal if contact with skin
H311 Toxic in contact with skin
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
H330 Fatal if inhaled
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H361 Suspected of damaging fertility or the unborn child
H361d Suspected of damaging the unborn child

The Safety Data Sheet (SDS) was prepared in accordance with the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), Commission Regulation (EU) No 2020/878 and related amendments, harmonized requirements set forth in the laws, regulations and administrative legal acts on the classification, packaging and labelling of dangerous chemical substances and mixtures.

The Safety Data Sheet was prepared based on the safety data sheets of its components supplied by the manufacturers and in consideration of the Lithuanian laws, applicable rules on component safety.

Disclaimer: the information contained in this Safety Data Sheet is based on the present state of scientific and technical knowledge and is related to the product state that it is used in. The purpose of the data is to provide information on the chemical product in terms of occupational safety and health and environmental protection. The information contained in the Safety Data Sheet provides no knowledge on other specific properties of the product. The technical specifications supplied herein comprise no requirements for the product quality and cannot be used as a basis for any legal claims.

The information contained in this Safety Data Sheet is related only to the shipped product. The manufacturer is unable to control the conditions of product use; hence, the buyer/user of the product shall be obligated to determine the appropriate conditions for safe use of the product.



SAFETY DATA SHEET

Compliant with Regulation (EC) No. 1907/2006 and Regulation (EC) No. 2020/878

IGIS F

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The employer shall inform all employees who might be using or handling the product, disposing of the product's waste or otherwise be in contact with the product about the required safety protective equipment and any dangers defined in this Safety Data Sheet.

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