

SAFETY DATA SHEET

Gjøco Superfinish 40



The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	06.04.2018
Revision date	19.03.2020

1.1. Product identifier

Product name	Gjøco Superfinish 40
Article no.	33XXXX
Product definition	Paint

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

Function	Description: Uses in Coatings - Consumer use: Apply this product only as specified on the label.
Product group	Mixture
Use of the substance / preparation	Uses in Coatings - Consumer use: Apply this product only as specified on the label.
The chemical can be used by the general public	Yes

1.3. Details of the supplier of the safety data sheet

Company name	Gjøco AS
Office address	Ørvegen 1160
Postal address	Ørvegen 1160
Postcode	6639
City	Torvikbukt
Country	Norge
Telephone number	+47 712 91 700
Fax	+47 712 91 700
Email	office@gjoco.no
Website	www.gjoco.com

Enterprise No. NO 854 814 702 MVA

1.4. Emergency telephone number

Emergency telephone Telephone number: Norwegian National Poison Centre: +47 22 59 13 00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, comments Not relevant.

2.2. Label elements

Precautionary statements P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P501 Dispose of contents / container to godkjent mottak for farlig avfall

Supplemental label information Contains biocides; 1,2-Benzisothiazol-3(2H)-one (BIT) and a blend of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (CIT:MIT). May produce an allergic reaction.

Tactile warnings No

Child-protection No

VOC Product subcategory : Interior glossy walls and ceilings (Gloss >25@60°)
Relevant VOC limit values: < 30 g/l
Maximum content of VOC: < 1 g/l

2.3. Other hazards

Other hazards Not known.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
A mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one, CIT:MIT (3:1)	CAS No.: 55965-84-9 Index No.: 613-167-00-5	Acute Tox. 3; H331 Acute Tox. 3; H311 Acute Tox. 3; H301 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400; M-factor 1 Aquatic Chronic 1; H410; M-factor 1	< 0,0001 %	
1,2-Benzisothiazolin-3-one	CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1;	0,001 -0,01 %	

		H400; M-factor 1	
Propane-1,2-diol	CAS No.: 57-55-6 EC No.: 200-338-0 Index No.: 01-2119456809-23		0,5 -1,5 %

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove affected person from source of contamination. Do not give victim anything to drink if he is unconscious. CAUTION! First aid personnel must be aware of own risk during rescue!
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Wash skin with soap and water. Take off contaminated clothing and wash before reuse. Get medical attention if any discomfort continues.
Eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.
Ingestion	Do not induce vomiting. If medical advice is needed, have product container or label at hand.
Recommended personal protective equipment for first aid responders	Use personal protective equipment as required.

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

General symptoms and effects	<p>There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.</p> <p>Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Ingestion may cause nausea, diarrhea and vomiting.</p>
Acute symptoms and effects	No known significant effects or critical hazards.
Delayed symptoms and effects	No known significant effects or critical hazards.

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

Medical treatment	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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Information on clinical testing	Not known.
Medical monitoring for delayed effects	Not known.
Specific details on antidotes	Not entered.
Contraindications	Not known.
Separate first aid equipment	No specific data.
Other information	No specific data.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide or dry powder.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	Carbon dioxide (CO ₂). Carbon monoxide (CO). Nitrous gases (NO _x).

5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required.
Fire fighting procedures	Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Other information	Not entered.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Personal protection measures	Wear protective gloves and, in case of splashes, goggles/face shield too.
Protective equipment	Not entered.

Emergency procedures	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
For emergency responders	Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures	Contain spillages with sand, earth or any suitable absorbent material. Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately.
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6.3. Methods and material for containment and cleaning up

Containment	Store in a closed container.
Clean up	Absorb in vermiculite, dry sand or earth and place into containers.
Other information	No recommendation given.

6.4. Reference to other sections

Other instructions	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.
Additional information	Not known.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed
Safe handling of gas cylinder	Do not expose to temperatures exceeding 50 °C/122 °F.

Protective safety measures

Protective safety measures	Store in accordance with local regulations. Keep away from: oxidising agents, strong alkalis, strong acids.
Safety measures to prevent fire	Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
Preventive measures to prevent aerosol and dust generation	Containers that have been opened must be carefully resealed and kept upright to prevent leakage

Preventitive measures to protect the environment Containers that have been opened must be carefully resealed and kept upright to prevent leakage

7.2. Conditions for safe storage, including any incompatibilities

Storage Protect from sunlight. Store in a well-ventilated place.
 Conditions to avoid Keep away from heat / sparks / open flames / hot surfaces. – No smoking.

Conditions for safe storage

Technical measures and storage conditions Keep flammable liquids away from flammable gas and highly flammable goods.
 Packaging compatibilities Always keep in containers made from the same material as the original one.
 Requirements for storage rooms and vessels Store in a well-ventilated place. Keep container tightly closed.
 Advice on storage compatability No special precautions.
 Additional information on storage conditions Keep cool. Protect from sunlight.
 Storage temperature Comments: Store at temperatures not exceeding 40 °C / °F. Keep cool.
 Storage pressure Comments: No data recorded.
 Air humidity Comments: Not known.
 Storage stability No information.

7.3. Specific end use(s)

Recommendations No information.
 Specific use(s) Not known.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Propane-1,2-diol	CAS No.: 57-55-6	Limit value (8 h) : 150 ppm	
Substance	Propane-1,2-diol		
Occupational exposure limit, intended use	Limit value type: Administrativ norm		

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls Not entered.

Product related measures to prevent exposure	Observe occupational exposure limits and minimize the risk of inhalation.
Instruction on measures to prevent exposure	Not known.
Organisational measures to prevent exposure	Not entered.
Technical measures to prevent exposure	Well-ventilated area.

Eye / face protection

Required Properties	Not entered.
Suitable eye protection	Use eye protection.
Eye protection equipment	Description: Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hand protection

Skin- / hand protection, short term contact	Wear protective gloves.
Skin- / hand protection, long term contact	Wear protective gloves.
Suitable gloves type	Gloves of nitrile rubber, PVA or Viton are recommended.
Breakthrough time	Value: > 8 hour(s)

Skin protection

Suitable protective clothing	Overall suit shall be used where the work involves smudging to such an extent that ordinary working clothes do not protect the skin against contact with the product.
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Respiratory protection

Respiratory protection necessary at	At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.
Tasks needing respiratory protection	Wear respiratory protection with combination filter (dust and gas filter) during spraying operations.
Recommended respiratory protection	Mask type: In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

Thermal hazards

Thermal hazards	Not known.
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Hygiene / environmental

Personal protection equipment, comments	Not entered.
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Appropriate environmental exposure control

Environmental exposure controls	Not entered.
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Exposure controls

Safety measures for consumer use of the chemical	Not entered.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
State under standard conditions	Liquid.
Colour	Misc. colours.
Odour	Characteristic.
Odour limit	Comments: Not known.
pH	Comments: Not relevant.
Melting point / melting range	Comments: Not known.
Freezing point	Comments: Not known.
Boiling point / boiling range	Comments: Not known.
Evaporation rate	Comments: Not known.
Flammability	Not known.
Lower explosion limit with unit of measurement	Comments: Not known.
Upper explosion limit with units of measurement	Comments: Not known.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: Not known.
Vapour density	Comments: Not known.
Relative density	Comments: Not known.
Density	Value: ~ 1,0 - 1,2
Bulk density	Comments: Not known.
Solubility	Comments: Soluble in water.
Partition coefficient: n-octanol/water	Comments: Not known.
Viscosity	Value: > 20,5 mm ² /s Method: Kinematisk

9.2. Other information

Softening point	Comments: No additional information.
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Physical hazards

Miscibility	Miscible with water.
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Other physical and chemical properties

Physical and chemical properties Not entered.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known conditions that are likely to result in a hazardous situation.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Keep away from heat / sparks / open flames / hot surfaces. – No smoking.

10.4. Conditions to avoid

Conditions to avoid Extremes of temperatures.

10.5. Incompatible materials

Materials to avoid Strong acids. Bases, alkalis (organic). Bases, alkalis (inorganic).

10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO₂, NO_x) are formed.

Other information

Other information Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance A mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one, CIT:MIT (3:1)

Acute toxicity

Type of toxicity: Acute
Effect tested: LC50
Route of exposure: Oral
Value: 1700 mg/kg
Comments: calculated

Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Dermal
Value: > 5000 mg/kg
Comments: calculated

Substance 1,2-Benzisothiazolin-3-one

Acute toxicity **Type of toxicity:** Acute

Effect tested: LC50
Route of exposure: Oral
Value: 1193 mg/kg
Animal test species: Rotte

Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Dermal
Value: 4115 mg/kg

Type of toxicity: Skin irritation
Comments: Irriterer huden.

Type of toxicity: Eye damage
Comments: Fare for alvorlig øyeskade.

Type of toxicity: Skin sensitivity
Comments: Kan gi allergi ved hudkontakt.

Other information regarding health hazards

Acute toxicity, mixture estimate	Comments: Not known.
Skin corrosion / irritation test result	Comments: Risk of sensitisation or allergic reactions among sensitive individuals.
Eye damage or irritation other information	No known chronic or acute health risks.
Respiratory or skin sensitisation	Comments: Risk of allergic reaction.
General	No data recorded.
Inhalation	Not known.
Skin contact	May cause an allergic skin reaction.
Eye contact	Not relevant.
Ingestion	No known significant effects or critical hazards.
Sensitisation	May cause an allergic skin reaction.
Assessment of germ cell mutagenicity, classification	Not known.
Carcinogenicity, other information	Not known.
Assessment of reproductive toxicity, classification	Not known.
Specific target organ toxicity - single exposure, human experience	Not known.
Assessment of aspiration hazard, classification	Not known.

Symptoms of exposure

In case of ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
In case of skin contact	May cause sensitisation by skin contact.

In case of inhalation	Vapours may cause drowsiness and dizziness.
In case of eye contact	Irritation, burning, lachrymation, blurred vision after liquid splash.
Other information	Not known.

SECTION 12: Ecological information

12.1. Toxicity

Substance A mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one, CIT:MIT (3:1)

Aquatic toxicity, fish
Toxicity type: Acute
Value: 0,22 mg/l
Test duration: 96 hour(s)
Species: Oncorhynchus mykiss (Regnbueørret)

Substance 1,2-Benzisothiazolin-3-one

Aquatic toxicity, fish
Toxicity type: Acute
Value: 2,18 mg/l
Effect dose concentration: LC50
Test duration: 96 hour(s)
Species: Oncorhynchus mykiss (Regnbueørret)
Method: OECD Testretningslinje 203

Substance A mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one, CIT:MIT (3:1)

Aquatic toxicity, algae
Toxicity type: Acute
Value: 0,048 mg/l
Effect dose concentration: EC50
Test duration: 72 hour(s)
Species: Pseudokirchneriella subcapitata

Substance 1,2-Benzisothiazolin-3-one

Aquatic toxicity, algae
Toxicity type: Acute
Value: 0,11 mg/l
Effect dose concentration: ERC50
Test duration: 72 hour(s)
Species: Pseudokirchneriella subcapitata
Method: OECD TG 201
Comments: M-faktor = 1

Substance A mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one, CIT:MIT (3:1)

Aquatic toxicity, crustacean
Toxicity type: Acute
Value: 0,1 mg/l
Effect dose concentration: EC50
Exposure time: 48 hour(s)
Method: OECD 202

Substance 1,2-Benzisothiazolin-3-one

Aquatic toxicity, crustacean
Toxicity type: Acute
Value: 2,94 mg/l
Effect dose concentration: EC50

Test duration: 48 hour(s)**Method:** OECD 202

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Not known.
Substance	1,2-Benzisothiazolin-3-one
Biodegradability	Comments: Potensielt biologisk nedbrytbar.
Substance	A mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one, CIT:MIT (3:1)
Theoretical oxygen demand	Value: > 60 % Method: OECD 301 D

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Substance	1,2-Benzisothiazolin-3-one
PBT assessment results	This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Substance	1,2-Benzisothiazolin-3-one
AOX, adsorbable organohalogenes	Comments: Produktet inneholder ingen organiske halogener.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.
EWC waste code	EWC waste code: 080112 waste paint and varnish other than those mentioned in 08 01 11 Classified as hazardous waste: No

SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

ADR/RID/ADN None.

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

ICAO/IATA Other information

Other transport, general

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15: Regulatory information

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

Assessed restrictions	EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation Substances of very high concern: Not listed. Black List Chemicals : Not listed Priority List Chemicals : Not listed. Integrated pollution prevention and control list (IPPC) - Air: Not listed. Integrated pollution prevention and control list (IPPC) - Water: Not listed.
MAL group (DK)	00
MAL 1993-kodenr. (DK)	Kode-nr.: 00 - 1 (1993).
Biocides	No
Declaration No.	Not required.

15.2. Chemical safety assessment

SECTION 16: Other information

Supplier's notes	ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number
List of relevant H-phrases (Section 2 and 3)	H301 Toxic if swallowed. H302 Harmful if swallowed. 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. H331 Toxic if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

CLP classification, comments	<p>Acute Tox. 2, H330 ACUTE TOXICITY (inhalation) - Category 2 Acute Tox. 3, H311 ACUTE TOXICITY (dermal) - Category 3 Acute Tox. 3, H331 ACUTE TOXICITY (inhalation) - Category 3 Acute Tox. 4, H302 ACUTE TOXICITY (oral) - Category 4 Acute Tox. 4, H312 ACUTE TOXICITY (dermal) - Category 4 Aquatic Acute 1, H400 ACUTE AQUATIC HAZARD - Category 1 Aquatic Chronic 1, H410 LONG-TERM AQUATIC HAZARD - Category 1 Aquatic Chronic 3, H412 LONG-TERM AQUATIC HAZARD - Category 3 Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1 Carc. 2, H351 CARCINOGENICITY - Category 2 EUH066 Repeated exposure may cause skin dryness or cracking. Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 Repr. 2, H361d (Unborn child) TOXIC TO REPRODUCTION (Unborn child) - Category 2 Skin Corr. 1B, H314 SKIN CORROSION/IRRITATION - Category 1B Skin Corr. 1C, H314 SKIN CORROSION/IRRITATION - Category 1C Skin Sens. 1, H317 SKIN SENSITIZATION - Category 1 STOT RE 1, H372 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3</p>
Revision responsible	Ingeborg Singsås Venås
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Version	2
Prepared by	Gjøco AS +47 712 91 700 office@gjoco.no
Comments	<p>The information in this document is given to the best of Gjøco's knowledge, based on laboratory testing and practical experience. Gjøco's products are considered as semi-finished goods and as such, products are often used under conditions beyond Gjøco's control. Gjøco cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Gjøco reserves the right to change the given data without further notice. Users should always consult Gjøco for specific guidance on the general suitability of this product for their needs and specific application practices</p>
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