

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Revision date: Feb. 23<sup>th</sup>, 2022  
Version: D  
SDS number: 10071773

## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**Product Name:** i-Finisher

**Product Code:** 10071596, 10071769

**Product Use:** For plate protection use

**Manufacturer:** Glunz & Jensen A/S  
Selandia Park 1  
DK - 4100 Ringsted  
Denmark

**Phone:** +45 5768 8181  
**Fax:** +45 5768 8340  
**E-mail:** gjhq@glunz-jensen.com

**Emergency phone number:** For Chemical Emergency Spill Leak Fire Exposure or Accident Call  
NATIONAL POISONS EMERGENCY day or night: +44 870 600 6266

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC 1272/2008):



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**Eye Irrit. 2:** H319 Causes serious eye irritation.  
**Skin Sens. 1:** H317 May cause an allergic skin reaction.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS07

<b>Signal word:</b>	Warning
<b>Hazard-determining components of labelling:</b>	2-methyl-2H-isothiazol-3-one Tensid
<b>Hazard statements:</b>	H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.
<b>Precautionary statements:</b>	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves / eye protection / faceprotection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with local/- regional/national/international regulations.

### 2.3 Other hazards

#### Results of PBT and

<b>vPvB assessment:</b>	PBT: Not applicable.
	vPvB: Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Chemical characterisation

Mixtures consisting of the following components:

Dangerous components:		
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	3-<10%
CAS: 119345-04-9	Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	0.25-<2.5%
CAS: 151-21-3 EINECS: 205-788-1	sodium dodecyl sulphate Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5%
CAS: 7664-38-2 EINECS: 231-633-2	phosphoric acid Skin Corr. 1B, H314	2.5%
-	Tensid Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412	0.1- 1%
CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol substance with a Community workplace exposure limit	10-25%

Dangerous components:		
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411 (M=1); Skin Sens. 1A, H317	0.0041%

#### 4. FIRST AID MEASURES

##### 4.1 Description of first aid measures

**General information:** No special measures required.  
**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Immediately rinse with water.  
**After eye contact:** Rinse opened eye for several minutes under running water.  
**After swallowing:** If symptoms persist consult doctor.

##### 4.2 Most important symptoms and effects, both acute and delayed:

No further relevant information available.

##### 4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

#### 5. FIREFIGHTING MEASURES

##### 5.1 Extinguishing media

**Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.

##### 5.2 Special hazards arising from the substance or mixture

No further relevant information available

##### 5.3 Advice for firefighters

**Protective equipment:**  
No special measures required.

#### 6. ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures

Not required.

##### 6.2 Environmental precautions

Dilute with plenty of water.

##### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

##### 6.4 Reference to other sections

See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

No special measures required.

#### Information about fire

and explosion protection: No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage:

##### Requirements to be met

by storerooms and receptacles: No special requirements. Not

Information about storage in one common storage facility: required.

Further information about storage conditions: Protect from frost. **Storage class: 12**

### 7.3 Specific end use(s)

No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace	
57-55-6 propylene glycol	
WEL	Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm *) total vapour and particulates **) particulates
67-63-0 propan-2-ol	
WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
7664-38-2 phosphoric acid	
WEL	Short-term value: 2 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup>

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work.

<b>Respiratory protection:</b>	Not necessary if room is well-ventilated. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
<b>Protection of hands:</b>	Synthetic rubber gloves. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
<b>Material of gloves:</b>	Nitrile rubber, NBR. Recommended thickness of the material: 0.4 mm The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
<b>Penetration time of glove material:</b>	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Eye protection:</b>	Goggles recommended during refilling

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General Information:

<b>Appearance:</b>	<b>Form:</b>	Liquid
	<b>Colour:</b>	Light yellow
<b>Odour:</b>		Characteristic
<b>Odour threshold:</b>		Not determined.
<b>pH-value at 20 °C:</b>		2.5

#### Change in condition:

**Melting point/freezing point:** Undetermined.

**Initial boiling point and boiling range:** 82 °C

**Flash point:** Not applicable.

**Flammability (solid, gas):** Not applicable.

**Ignition temperature:** 371 °C

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

#### Explosion limits:

**Lower:** 2.6 Vol %

**Upper:** 12.6 Vol %

**Vapour pressure at 20 °C:** 23 hPa

**Density at 20 °C:** 1.028 g/cm<sup>3</sup>

**Relative density:** Not determined.

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in/Miscibility with water:** Fully miscible.

**Partition coefficient: n-octanol/water:** Not determined.

**Viscosity:** **Dynamic:** Not determined.

**Kinematic:** Not determined.

**Solvent content:** **VOC (EC):** 22.94 %

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**9.2 Other information**

No further relevant information available.

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**SECTION 10: STABILITY AND REACTIVITY**

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**10.1 Reactivity**

No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition /conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

No dangerous reactions known.

**10.4 Conditions to avoid**

No further relevant information available.

**10.5 Incompatible materials**

No further relevant information available.

**10.6 Hazardous decomposition products**

No dangerous decomposition products known.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**11.2 Information on other hazards:**

**Endocrine disrupting properties:**

None of the ingredients is listed.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

No further relevant information available.

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**12.4 Mobility in soil**

No further relevant information available.

**Additional ecological information:**

**12.5 Results of PBT and vPvB assessment**

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**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Recommendation** — Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agents:**

Water, if necessary together with cleansing agents.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN-Number**

ADR, ADN, IMDG, IATA      Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA      Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA  
Class      Void

**14.4 Packing group**

ADR, IMDG, IATA      Void

**14.5 Environmental hazards:**

**Marine pollutant:** No

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

UN "Model Regulation": Void

**SECTION 15: REGULATORY INFORMATION**

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

**Labelling according to Regulation**

(EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS07

**Signal word**

Warning

**Hazard-determining components of labelling  
Hazard statements**

2-methyl-2H-isothiazol-3-one, Tensid

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Directive 2012/18/EU**

**Named dangerous substances  
-ANNEX I**

None of the ingredients is listed.

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.



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**SECTION 16: OTHER INFORMATION**

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful 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.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

**Department issuing SDS:** Abteilung Umweltschutz

**Contact:** Labor

**Abbreviations and acronyms:**

**ADR:** Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

**ELINCS:** European List of Notified Chemical Substances

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**VOC:** Volatile Organic Compounds (USA, EU)

**PBT:** Persistent, Bioaccumulative and Toxic

**vPvB:** very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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