

# STJÄRNAGLOSS

## SAFETY DATA SHEET according to Regulation (EU) 2015/830

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### Stjarnagloss Forst Citrus Pre-Cleaner

Revision 0

Revision date 2019-10-17

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

##### 1.1. Product identifier

Product name	Stjarnagloss Forst Citrus Pre-Cleaner
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##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products); [AC1] Vehicles; ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products); [AC1] Vehicles;
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##### 1.3. Details of the supplier of the safety data sheet

Company	Stjarnagloss
Address	Unit 10 Golds Nurseries Business Park Jenkins Drive Elsenham Bishops Stortford CM22 6JX UK
Web	www.stjarnagloss.com
Telephone	+441279 812687
Email	info@stjarnagloss.com
Email address of the competent person	factory@dodojuice.com

##### 1.4. Emergency telephone number


Emergency telephone number	+447891 096802
Company	Stjarnagloss 7am to 11pm

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Chronic 3: H412;
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##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. 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.
<b>Precautionary Statement: Response</b>	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 -Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to hazardous waste.

## 2.3. Other hazards

<b>Other hazards</b>	None.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium C14-C16 olefin sulphonate		68439-57-6	270-407-8		1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Alcohol ethoxylate with 6.5MEO		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
sodium metasilicate pentahydrate		10213-79-3	229-912-9		1 - 10%	Skin Corr. 1B: H314; STOT SE 3: H335;
Ethylene glycol monobutyl ether	603-014-00-0	111-76-2	203-905-0		1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;
(R)-p-Mentha-1,8-diene	601-029-00-7	5989-27-5	227-813-5		1 - 10%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
<b>Skin contact</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

<b>Inhalation</b>	May cause irritation to mucous membranes.
<b>Eye contact</b>	Risk of serious damage to eyes.
<b>Skin contact</b>	Irritating to skin. May cause sensitisation by skin contact.

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

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

Eye contact	Immediate medical attention is required.
Ingestion	Immediate medical attention is required.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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## SECTION 6: Accidental release measures

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

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## 6.4. Reference to other sections

	SECTION 7: Handling and storage. SECTION 8: Exposure controls/personal protection.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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## 7.3. Specific end use(s)

	Do not breathe gas/fumes/vapour/spray.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

(R)-p-Mentha-1,8-diene	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
	Ethylene glycol monobutyl ether	WEL 8-hr limit ppm: 25
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

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## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Self-contained breathing apparatus. Wear protective clothing.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Colour	Pink
Odour	Perfumes
Odour threshold	No data available
pH	12.5 - 12.8
Melting point	No data available
Freezing Point	0 °C
Initial boiling point	100 °C
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.015 (H <sub>2</sub> O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	7 sec. 3 mm (ISO 2431)
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	11 g/l

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No Significant Hazard.
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## 10.4. Conditions to avoid

	None.
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## 10.5. Incompatible materials

None.

## 10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Risk of serious damage to eyes.
Respiratory or skin sensitisation	Sensitizer, Skin.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	No data is available on this product.
Aspiration hazard	Potential for aspiration if swallowed.
Repeated or prolonged exposure	May cause severe irritation to eyes and skin.

## 11.1.4. Toxicological Information

(R)-p-Mentha-1,8-diene	Oral Rat LD50: 4400mg/kg	Dermal Rabbit LD50: >5000mg/kg
Alcohol ethoxylate with 6.5MEO	Oral Rat LD50: >200<2000mg/kg	
Ethylene glycol monobutyl ether	Inhalation Rat LC50/4 h: 2.4mg/l	Oral Rat LD50: 470mg/kg
Sodium C14-C16 olefin sulphonate	Oral Rat LD50: >2000mg/kg	Dermal Rabbit LD50: 6300-13500mg/kg
sodium metasilicate pentahydrate	Oral Rat LD50: 1280mg/kg	Oral Mouse LD50: 770mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

(R)-p-Mentha-1,8-diene	Daphnia EC50/48h: 69.6 mg/l	Fathead minnows LC50/96h: 0.702mg/l
Alcohol ethoxylate with 6.5MEO	Fish LC50/96h: 10.0000 mg/l	
Ethylene glycol monobutyl ether	Daphnia EC50/48h: 1000 mg/l	Fish LC50/96h: 1700.0000 mg/l
MMB (3-methoxy-3-methyl-1-butanol)	NOEC / EC10 for marine or freshwater organisms >1000.0000 mg/l LC50 for marine or freshwater organisms >100.0000 mg/l	EC50 for marine or freshwater organisms >1000.0000 mg/l
Sodium C14-C16 olefin sulphonate	Daphnia EC50/48h: 4.5300 mg/l	Algae IC50/72h: 5.2000 mg/l
sodium metasilicate pentahydrate	Fish LC50/96h: 4.2000 mg/l Daphnia EC50/48h: 4857 mg/l	Fish LC50/96h: 3185.0000 mg/l

## 12.2. Persistence and degradability

More than 90% biodegradable.

## 12.3. Bioaccumulative potential

No data is available on this product.

## BCF: Bioconcentration factor.

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## BCF: Bioconcentration factor.

Sodium C14-C16 olefin sulphonate	BCF: Bioconcentration factor. 70.8 L/kg
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## Partition coefficient

	Stjarnagloss Forst Citrus Pre-Cleaner No data available
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## 12.4. Mobility in soil

	Soluble in water.
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## 12.5. Results of PBT and vPvB assessment

	Not determined.
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## 12.6. Other adverse effects

	Harmful to aquatic life with long lasting effects.
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## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

	07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
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## General information

	Dispose of in compliance with all local and national regulations.
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## SECTION 14: Transport information

## 14.6. Special precautions for user

	Avoid contact with eyes and skin. Do not breathe gas/fumes/vapour/spray.
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## SECTION 15: Regulatory information

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

	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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.
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## 15.2. Chemical safety assessment

	No data available.
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## SECTION 16: Other information

## Other information

Text of Hazard Statements in Section 3	<p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Acute Tox. 4: H312 - Harmful in contact with skin.</p> <p>Acute Tox. 4: H332 - Harmful if inhaled.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>
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**Other information**

<b>Maximum content of VOC</b>	11 g/l.
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**Further information**

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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