SAFETY DATA SHEET

Herregård Exclusive Oljebeis

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	10.02.2022
Revision date	18.01.2023

1.1. Product identifier

Product name	Herregård Exclusive Oljebeis
Article no.	029XXX
Product definition	Stain for surface treatment.

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

Function	Description: Use for surface treatment.
Product group	Mixture
Use of the substance / mixture	Used as coating. Follow instructions on 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: Giftinformasjonssentralen: 22 59 13 00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411
Additional information on classification	The full text for all R-phrases are displayed in section 16.

2.2. Label elements

Hazard pictograms (CLP)

Composition on the label	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Signal word	Warning
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection. 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	EUH 211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Special supplemental label information mixtures	Aktive filmbiocider: DCOIT
Tactile warnings	No
Child-protection	No
VOC	Product subcategory : Coatings (paint) for wood, metal or plaster Interior/ exterior. Relevant VOC limit values: < 400 g/l Maximum content of VOC: < 400 g/l

2.3. Other hazards

PBT / vPvB	Dette produktet inneholder ingen stoffer som vurderes å være PBT eller vPvB i nivåer på 0,1% eller høyere.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	**Identification**	**Classification**	**Contents**	**Notes**
Hydrokarboner, C10-C13, n-alkaner, isoalkaner, cykliske, <2% aromatiske	EC No.: 918-481-9 REACH Reg. No.: 01-2119457273-39-xxxx	Asp. Tox. 1; H304 EUH 066	20 -40 %	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649-327-00-6)	CAS No.: 64742-48-9 EC No.: 919-857-5 Index No.: 649-327-00-6 REACH Reg. No.: 01-2119463258-33	Acute tox. 1; H304 Flam. Liq. 3; H226 STOT SE 3; H336	5 -10 %	
Zirkonium karboksylat	CAS No.: 22464-99-9 REACH Reg. No.: 01-2119979088-21-0002	Repr. 2; H361d	< 0,3 %	
4, 5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT	CAS No.: 64359-81-5 EC No.: 264-843-8	Acute Tox. 4; H302 Skin Corr. 1B; H314 Skin Sens. 1A; H317 Eye Dam. 1; H318 Acute Tox. 2; H330 Aquatic Acute 1; H400; M-factor M=100 Aquatic Chronic 1; H410; M-factor M=100 Additional information on classification: Eye Irrit. 2; H319: 0,025 % ≤ C < 3 % Skin Irrit. 2; H315: 0,025 % ≤ C < 5 % Skin Sens. 1A; H317: C ≥ 0,0015 % inhalation: ATE = 0.16 mg/L (dusts/mists) oral: ATE = 567 mg/kg bw (-)	0,1 -0,2 %	
Substance comments	The full text for all hazard statements is displayed in section 16.			

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.
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	No significant effects or critical hazards known.

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

Medical treatment	Treat symptomatically.

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	Ved brann vil det dannes tett, svart røyk. Løsemiddeldamper kan danne eksplosive blandinger med luft. Dampene er tyngre enn luft og kan spre seg langs bakken til tennkilder.
Hazardous combustion products	Carbon dioxide (CO2). Carbon monoxide (CO). Nitrous gases (NOx).

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.

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.

6.2. Environmental precautions

Environmental precautionary measures	Contain spillages with sand, earth or any suitable absorbent material.

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.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid heating, sparks and open flames. The packaging should be kept tightly closed and stored in a cool and well-ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a well-ventilated place.
Conditions to avoid	Keep away from heat / sparks / open flames / hot surfaces. — No smoking.

7.3. Specific end use(s)

Recommendations	No information.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Hydrokarboner, C10-C13, n-alkaner, isoalkaner, cykliske, <2% aromatiske		Limit value (8 h) : 275 mg/m3 Limit value (8 h) : 50 ppm	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)	CAS No.: 64742-48-9	Limit value (8 h) : 275 mg/m3	
Control parameters comments	EH40/2005, Workplace exposure limits 2005, with amendments.		

8.2. Exposure controls

Safety signs

Precautionary measures to prevent exposure

Product related measures to prevent exposure	Observe occupational exposure limits and minimize the risk of inhalation.

Eye / face protection

Required Properties	Safety glasses must be worn in accordance with EN 166 when risk assessment indicates that this is necessary to avoid exposure to liquid splashes, vapors, gases or dust. If contact is possible, the following protective equipment should be used, unless it is considered that a higher degree of protective equipment is required: safety goggles with side shields.

Hand protection

Suitable gloves type	Gloves of nitrile rubber, PVA or Viton are recommended.
Breakthrough time	Value: > 8 hour(s)
Thickness of glove material	Value: > 0,4 mm
Hand protection, comments	Use gloves tested according to EN374.

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.

Respiratory protection

Respiratory protection necessary at	Workers exposed to concentrations above the specified limit value must wear respiratory protection in accordance with EN140.
Tasks needing respiratory protection	When spraying, use respiratory protection with a combination filter; dust filter P2 and gas filter A.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Misc. colours.
Odour	Smells like White Spirit
pH	Comments: Not relevant.
Flash point	Value: > 60
Density	Value: ~ 0,9

Solubility	Comments: Organic solvents.
Viscosity	Value: > 20,5 mm2/s Method: Kinematisk

9.2. Other information

Other physical and chemical properties

Physical and chemical properties	Not known.

9.2.2. Other safety characteristics

Comments	Not known.

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, NOx) are formed.

SECTION 11: Toxicological information

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

Substance	Hydrokarboner, C10-C13, n-alkaner, isoalkaner, cykliske, <2% aromatiske
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LC50 **Route of exposure:** Inhalation. **Duration:** 4 t **Value:** ~ 4,951 mg/l **Animal test species:** Rotte **Type of toxicity:** Acute

	Effect tested: LD50 **Route of exposure:** Dermal **Value:** > 5000 mg/kg **Animal test species:** Kanin
Substance	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Value:** > 2000 mg/kg **Animal test species:** Rotte **Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Dermal **Value:** > 2000 mg/kg **Animal test species:** Rotte

Other information regarding health hazards

Assessment of acute toxicity, classification	The product is not classified as toxic.
Assessment of skin corrosion / irritation, classification	May cause irritation.
Assessment of eye damage or irritation, classification	May cause temporary eye irritation.
Assessment of respiratory sensitisation, classification	Not classified with repiratory sensitisation.
Assessment of skin sensitisation, classification	May cause an allergic skin reaction.
Assessment of germ cell mutagenicity, classification	The product is not classified with harmful effects on genetic material.
Assessment of carcinogenicity, classification	The product is not classified as dangerous for cancer.
Assessment of reproductive toxicity, classification	The product is not classified with reproductive toxicity
Assessment of specific target organ toxicity - single exposure, classification	The product is not classified with specific target organ toxicity.
Assessment of aspiration hazard, classification	The product is not classified with aspiration hazard.

Symptoms of exposure

In case of inhalation	Vapours may cause drowsiness and dizziness.

11.2 Other information

Endocrine disruption	This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)
Aquatic toxicity, fish	**Toxicity type:** Acute **Value:** ~ 1000 mg/l **Test duration:** 96 hour(s) **Species:** Oncorhynchus mykiss.
Substance	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Aquatic toxicity, fish	**Toxicity type:** Acute **Value:** 0,0078 mg/l **Effect dose concentration:** LC50 **Test duration:** 96 h **Species:** Oncorhynchus mykiss **Method:** LC50 OECD 203 **Toxicity type:** Chronic **Value:** 0,00048 mg/l **Effect dose concentration:** NOEC **Exposure time:** ~ 28 day(s) **Species:** Fisk **Value:** = 0,00047 mg/l **Effect dose concentration:** NOEC **Exposure time:** 28 day(s) **Species:** Brachydanio rerio (sebrafisk)
Substance	Hydrokarboner, C10-C13, n-alkaner, isoalkaner, cykliske, <2% aromatiske
Aquatic toxicity, algae	**Value:** = 1000 mg/l **Test duration:** 72 t **Species:** Pseudokirchneriella subcapitata
Substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)
Aquatic toxicity, algae	**Toxicity type:** Acute **Value:** ~ 1000 mg/l **Test duration:** 72 hour(s) **Species:** Pseudokirchneriella subcapitata
Substance	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Aquatic toxicity, algae	**Toxicity type:** Acute **Value:** 0,025 mg/l **Effect dose concentration:** EC50 **Exposure time:** 72 hour(s) **Species:** Desmodesmus subspicatus **Toxicity type:** Chronic **Value:** < 0,015 mg/l **Exposure time:** = 72 hour(s) **Species:** Scenedesmus subspicatus

	Value: = 0,015 mg/l **Effect dose concentration:** NOEC **Exposure time:** 72 hour(s)
Substance	Hydrokarboner, C10-C13, n-alkaner, isoalkaner, cykliske, <2% aromatiske
Aquatic toxicity, crustacean	**Value:** = 1000 mg/l **Test duration:** 72 t **Species:** Mykiss
Substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)
Aquatic toxicity, crustacean	**Toxicity type:** Acute **Value:** 1000 mg/l **Test duration:** 48 hour(s)
Substance	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Aquatic toxicity, crustacean	**Toxicity type:** Chronic **Value:** 0,00040 mg/l **Effect dose concentration:** NOEC **Exposure time:** - 21 day(s) **Species:** Daphnia magna **Toxicity type:** Chronic **Value:** < 0,0097 mg/l **Exposure time:** 48 hour(s) **Species:** Daphnia Magna

12.2. Persistence and degradability

Substance	Hydrokarboner, C10-C13, n-alkaner, isoalkaner, cykliske, <2% aromatiske
Biodegradability	**Value:** 80 % **Comments:** Lett biologisk nedbrytbar. **Test period:** 28 d
Substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)
Biodegradability	**Value:** 80 % **Comments:** Readily biodegradable.
Substance	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Biodegradability	**Comments:** Rapidly biodegradable: S 369

12.3. Bioaccumulative potential

Substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)
Bioconcentration factor (BCF)	**Comments:** Partition coefficient n-octanol / water: 2-7
Substance	4,5-dichloro-2-octyl-2H-isothiazol-3-one, DCOIT
Bioconcentration factor (BCF)	**Value:** 13 **Animal test species:** Fisk

12.4. Mobility in soil

Mobility, comments	Not known.

12.5. Results of PBT and vPvB assessment

Substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (01-2119463258-33) (N° ANNEX: 649- 327-00-6)
PBT assessment results	Not known.
Results of PBT and vPvB assessment	This product does not contain any substances that are considered to be PBT or vPvB at levels of 0.1% or higher.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain any substances considered to be endocrine disruptors 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

Additional ecological information	Not known.

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: 080111 waste paint and varnish containing organic solvents or other dangerous substances Classified as hazardous waste: Yes
Other information	Do not empty into drains or watercourses.

SECTION 14: Transport information

Dangerous goods	Yes

14.1. UN number

ADR/RID/ADN	3082
IMDG	3082
ICAO/IATA	3082

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name/Danger releasing substance English ADR/RID/ADN	(4,5-dichloro-2-octyl-2H-isothiazol-3-one, (DCOIT))
ADR/RID/ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO/IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID/ADN	9
Classificaton code ADR/RID/ADN	M6

14.4. Packing group

ADR/RID/ADN	III
IMDG	III
ICAO/IATA	III

14.5. Environmental hazards

IMDG Marine pollutant	No

14.6. Special precautions for user

Special safety precautions for user	Not known.

14.7. Maritime transport in bulk according to IMO instruments

Product name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Additional information

Hazard label ADR/RID/ADN	9
Hazard label IMDG	9
Hazard label ICAO/IATA	9

ADR/RID Other information

Tunnel restriction code	-
Transport category	3
Hazard No.	90

IMDG Other information

EmS	F-A, S-F

SECTION 15: Regulatory information

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

Assessed restrictions	CLP Regulation, Regulation (EC) no. 1272/2008 FOR-2015-05-19-541 Regulations on declaration of chemicals to the product register (declaration regulations). From Regulations on classification, labeling and packaging of substances and

	substance mixtures (CLP) of 16.06.2012 with subsequent amendments. Commission (EU) Regulation no. 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex II Safety Data Sheet. FOR 2011-12-06 no. 1358 Regulations on action and limit values. The Waste Regulations, FOR 2004-06-01 no. 930, from the Ministry of the Environment. FOR 2009-04-01 no. 384: Regulations on land transport of dangerous goods with subsequent amendments, Directorate for Civil Protection and Emergency Planning. FOR-2013-08-21-1015: Regulations on restrictions on the use of chemicals that are hazardous to health and the environment and other products (the product regulations).
Nanomaterial	No
Declaration No.	67408

15.2. Chemical safety assessment

Chemical safety assessment performed	No
CSR required	No
Exposure scenarios for mixture	No

SECTION 16: Other information

Supplier's notes	Procedure for deriving classification according to Regulation (EC) No. 1272/2008 [CLP / GHS] is done according to a calculation method, and based on data stated by raw material suppliers and GHS.
List of relevant H-phrases (Section 2 and 3)	EUH 066 Repeated exposure may cause skin dryness or cracking. H226 Flammable liquid and vapour. H302 Harmful 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. H330 Fatal if inhaled. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
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Version	1
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