

## Technical product information

<b>Topic</b>	Front centre console lid (cup holder assembly) fails to latch/unlatch
<b>Market area</b>	Australia E04 Bentley rest Asia and Australia (6E04),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Germany E02 Bentley rest Europe (6E02),Japan E03 Bentley Japan (6E03),Korea, (South) E08 Bentley South Korea (6E08),United Arab Emirates E06 Bentley Middle East and Africa (6E06),United Kingdom E01 Bentley UK (6E01),United States E05 Bentley USA and rest America (6E05)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2051937/8
<b>Level</b>	EH
<b>Status</b>	Approval
<b>Release date</b>	

### New customer code

Object of complaint	Complaint type	Position
body fixtures and fittings -> trays, storage compartments, handles	component / consumables	
body fixtures and fittings -> operation of storage compartments, trims	functionality	

## Vehicle data

### New Continental GT/C and New Flying Spur

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*
3S3*	2021	E		*	*	*
3S3*	2022	E		*	*	*
3S3*	2023	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*

## Documents

Document name
<a href="#">master.xml</a>
<a href="#">beslux.pdf</a>
<a href="#">molykote112highconsistencyvalvesealant.pdf</a>
<a href="#">molykote_high-vacuum_grease_22-0911h-01.pdf</a>
<a href="#">tdsg.beslux.pdf</a>
<a href="#">vickerlube-fg-3hdc-grease-2-1.pdf</a>

## Customer statement / workshop findings

Centre console storage box lid (cup holder assembly) fails to latch or unlatch

## Technical background

Application of grease to both of the centre console storage box frame ribs (Figure 1) as described within the Measure section is required

### **CAUTION**

Refer to the attached specification sheets to ensure the correct grease is sourced and applied, any of the products within the attached specification sheets can be used



**IMPORTANT: DO NOT USE ANY OTHER TYPE OF GREASE OTHER THAN THE TYPES THAT ARE LISTED WITHIN THE ATTACHED SPECIFICATION SHEETS**

- The grease must be sourced locally from your consumables supplier

### **NOTICE**

Hint: For clarity Figure 1 shows the centre console storage box linkage removed

NOTE: Removal of the storage box linkage is not required when conducting the instructions within the Measure section

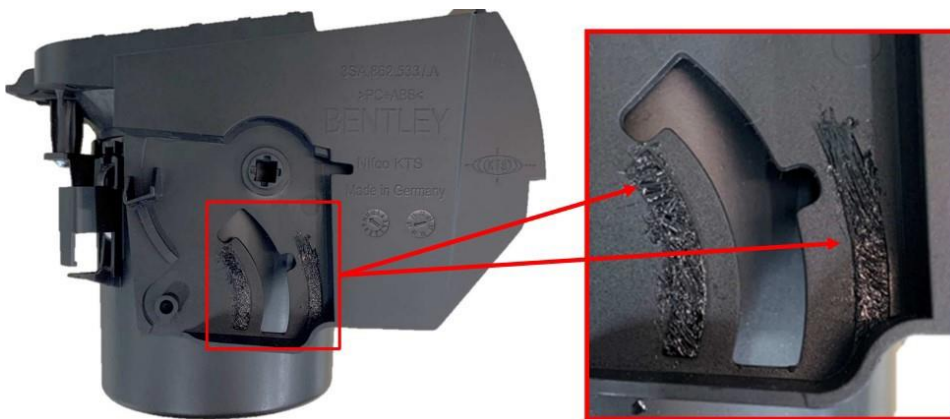


Figure 1

## Production change

-

## Measure



Ensure all trim and leather components are suitably protected during this procedure as warranty payments will not be considered for any damage of trim or leather components on or around the vicinity of the centre console

- 1) Remove the front centre console facia panel - Refer to Workshop manual Rep.Gr 68 - Front centre console facia panel - To remove and fit



**IMPORTANT:** Before applying the grease, the storage box and/or ribs must not be damaged/worn, the operative should also confirm there is no evidence of liquid spillage (for example coffee/sugary deposits) on the mechanism, in this scenario the mechanism/ribs must be thoroughly cleaned before applying the grease

- 2) Referring to Figure 2 - Using a suitable/clean brush - Apply a thin film of grease (as per the attached specification sheets) evenly to both ribs

**TIP:** To ensure the even application of grease to both of the ribs - Push the heart curve to the highest and lowest points and apply the grease

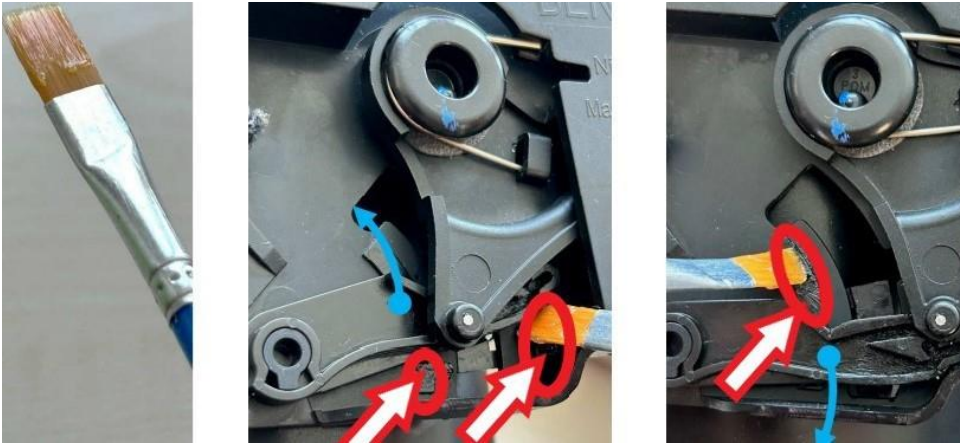


Figure 2

3) On completion (grease applied to both ribs) - Check the storage box lid latches correctly by latching and unlatching the storage box lid 10 times

**NOTICE**

In the event the issue is still evident after conducting the previous steps (storage box lid fails to latch/unlatch) the operative must raise a Technical DISS query and await feedback before conducting any further work

Or

Should the issue now be resolved - Refit the front centre console facia panel - Refer to Rep.Gr 68 - Front centre console facia panel - To remove and fit

4) Once the front centre console has been refitted - Check the storage box lid latches correctly by latching and unlatching the storage box lid a further 10 times

**Warranty accounting instructions**

Warranty Type	110 or 910
Labour Operation Code	68 30 41 00
Damage Service Number	68 30
Damage Code	00 10
Time	70 Time units

**Parts information**

Please see the attached specification sheets all grease must be sourced locally from your consumables supplier

# MOLYKOTE® High-Vacuum Grease

Stiff, nonmelting silicone lubricating material

## Features & benefits

- Reduces wear in plastic-to-metal and rubber-to-metal contact
- Low volatility
- Excellent resistance to water, chemicals, and high and low temperatures
- Meets requirements of FDA 21 CFR 175.300

## Composition

- Silicone oil
- Inorganic thickener

## Applications

Seals and lubricates chemical processing equipment. Lubricating plug valves, control valves, flow meter bearings, ceramic plug cocks, fire extinguisher valves, water treating equipment, synthetic rubber gaskets and seals in high-temperature applications. Sealing vacuum and pressure systems. Lubricating O-rings in binoculars and telescopes; prevents fogging of delicate lenses.

## Performance data

### Solubility

MOLYKOTE® High-Vacuum Grease is insoluble in water, methanol, ethanol, acetone, glycol and glycerine. It can be dispersed in kerosene, Stoddard solvent, benzene, toluene, ethyl ether or petroleum ether.

### Chemical resistance

MOLYKOTE® High-Vacuum Grease is unaffected by most vegetable and minerals oils, many organic compounds, and most common gases. It is also resistant to most aqueous solutions of inorganic salts and to dilute acids and alkalis. The suitability of MOLYKOTE® High-Vacuum Grease should always be tested before the material is adopted for regular use.

## Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

## Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard <sup>(1)</sup>	Test	Unit	Result
	Color		White to gray, translucent
	Physical nature		Stiff compound
ISO 2137	Penetration, unworked	mm/10	170 to 230
ISO 2137	Penetration, worked 60, maximum	mm/10	<260
CTM 0033A A	Bleed, 24 hours; 200°C	%	<0.5
CTM 0033A B	Evaporation, 24 hours; 200°C	%	<2.0
	Melting point	°C	None

<sup>(1)</sup>ISO: International Organization for Standardization. CTM: Corporate Test Method; copies of CTMs are available on request.

## Usable life and storage

When stored at or below 30°C in the original unopened containers, this product has a usable life of 60 months from the date of production.

## Packaging

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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# VICKERLUBE FG 3HDC GREASE 2



## PART NUMBER

25562

## DESCRIPTION

VICKERLUBE FG 3HDC GREASE 2 is a general purpose pharmaceutical white oil based, inorganic thickened, food grade grease. It is registered to 3H for direct contact applications to act as a release agent, lubricant and corrosion protector for use in and around food, beverage and pharmaceutical processing and production areas.

## APPLICATIONS

It is designed for use on equipment and machinery working in potential direct contact with food stuffs in food and other clean industries. The grease has high adhesive properties and is extremely water resistant. It is ideal for applications where water wash down is present and there is a chance of food contact such as slaughterhouses, butcheries, blades on chopping and mincing machines, canning and bottling plants.

Applications include: -

- Roller and ball bearings in direct contact applications
- Bakery loaf pans and equipment
- Slaughterhouse and abattoir equipment
- Slides and guides
- Saw blades and chopping and dicing dies
- Medical equipment

## CERTIFICATION

VICKERLUBE FG 3HDC GREASE 2 is 3H Registered – 161275, for direct food contact, Halal Certified, Kosher Certified, manufactured to ISO 9001:2015 and ISO 21469.

## FEATURES AND BENEFITS

- |                                |   |
|--------------------------------|---|
| • 3H Registered                | Safe to use where direct food contact may occur |
| • Silica thickened             | Good thermal stability                          |
| • Supreme corrosion protection | Increased component and lubricant life          |
| • Odourless and colourless     | Will not taint food                             |
| • Extremely adhesive           | Lowers lubricant usage                          |

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Quality Standard and the  
ISO 14001 Environmental  
Management Standard



FM 01851 EMS 40717

# VICKERLUBE FG 3HDC GREASE 2



## METHOD OF APPLICATION

VICKERLUBE FG 3HDC GREASE 2 can be applied manually, with a standard pressure grease gun (via cartridge).

## TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE FG 3HDC GREASE 2	TEST METHOD	RESULT
Appearance	Visual	Smooth Translucent Grease
Thickener		Inorganic
NLGI Grade	ASTM D217	NLGI 2
Base Oil		Pharmaceutical White Oil
Base Oil Viscosity (40°C) (cSt)	ASTM D7152	95
Dropping Point (°C)	ASTM D2265	>300
Copper Corrosion	ASTM D4048	1b
Temperature Range (°C)		-15 to 130
Shelf Life		3 years in original sealed containers whilst stored out of direct sunlight



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Certified to the ISO 9001  
 Quality Standard and the  
 ISO 14001 Environmental  
 Management Standard



FM 01851 EMS 40717

# MOLYKOTE® 112 High Consistency Valve Sealant

Lubricant and sealing material for plastic and rubber valves and bearings

## Features

- Nonmelting
- Low volatility
- Thermally stable
- Serviceability from -40 to 450°F (-40 to 232°C)
- Excellent water and oil resistance
- Good resistance to most chemicals

## Composition

- Inert amorphous silica filler
- Selected polydimethyl silicone fluids

## Description

MOLYKOTE® 112 High Consistency Valve Sealant, a greaselike compound, is a stiff, nonmelting silicone material used primarily as a valve lubricant and sealer.

MOLYKOTE® 112 High Consistency Valve Sealant will not carbonize at serviceability temperatures; has a very low vapor pressure; and will resist melting or hardening during long exposure to elevated temperatures. It is insoluble in water, methanol, ethanol, glycol, and glycerine; resistant to most aqueous solutions of inorganic salts, dilute acids, and alkalis; and unaffected by most vegetable and mineral oils, many organic compounds, and most common gases. MOLYKOTE® 112 High Consistency Valve Sealant should be thoroughly tested in the specific application prior to use.

## Applications

This product is similar to MOLYKOTE® 111 Valve Lubricant and Sealant and is used in applications where a higher degree of mechanical stability is desired.

## Chemical processing

Because of chemical resistance, long service life, and temperature stability, MOLYKOTE® 112 High Consistency Valve Sealant is used as a valve, O-ring, and plug-valve lubricant. It is also an effective lubricant for control valves and pressure plug valves, a sealant for vacuum and pressure systems, and a chemical barrier coating.

## Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard <sup>(1)</sup>	Test	Unit	Result
<b>Physical</b>			
CTM 0176	Color		White-translucent
	Penetration		
	unworked		215
	worked 60 strokes, maximum		230
	worked 100,000 strokes		240
CTM 0033A	Bleed, 24 hours/ 392°F (200°C)	%	0.03
CTM 0033A	Evaporation, 24 hours/ 392°F (200°C)	%	0.8
	Service temperature range	°F (°C)	-40 to 450 (-40 to 232)
ASTM D4049	Water spray-off	%	3.0
	Melting point		None
CTM 0022	Specific gravity at 77°F (25°C)		1.1
<b>Electrical</b>			
CTM 0112	Dielectric constant at		
	100 Hz		2.93
	100 kHz		2.92
CTM 0112	Dissipation factor at		
	100 Hz		< 0.0001
	100 kHz		< 0.004
CTM 0114	Dielectric strength, 50 mil gap	volts/mil	490
	Volume resistivity at 73°F (23°C)	ohm-cm	2.9 x 10 <sup>15</sup>
CTM 0171	Arc resistance	seconds	122

<sup>(1)</sup>CTMs (Corporate Test Methods) correspond to standard ASTM (American Society for Testing and Materials) tests in most instances. Copies of CTMs are available upon request.



### **Mechanical device manufacturing**

An excellent plastic and rubber lubricant, MOLYKOTE® 112 High Consistency Valve Sealant may be used on devices that require temperature and mechanical stability, such as flow meters, fire extinguisher valves, and lock mechanisms. It has also been used as an O-ring lubricant on binoculars and telescopes, a damping medium in hydraulic pivots, a direct-contact transducer medium in extruders, and a miniature bearing seal.

### **Equipment manufacturing**

MOLYKOTE® 112 High Consistency Valve Sealant helps prevent sticking of valves and O-rings at high temperatures or in freezing conditions. It also acts as an excellent sealer between synthetic rubber or plastic parts in contact with metal in vacuum or pressure systems.

### **Harsh operating conditions**

Special properties such as low volatility and excellent chemical resistance permit use of MOLYKOTE® 112 High Consistency Valve Sealant in high vacuum or pressure systems, and in high temperature atmospheres.

### **How to use**

Surfaces should be thoroughly cleaned before applying MOLYKOTE® 112 High Consistency Valve Sealant.

Even though MOLYKOTE® 112 High Consistency Valve Sealant is very tacky and a large pressure drop occurs when pumping this material, normal grease equipment can be used. However, pumping over a long distance is not recommended.

If MOLYKOTE® 112 High Consistency Valve Sealant must penetrate surfaces to give adequate protection, it can be dispersed in typical penetrating solvents. It is insoluble in water, methanol, ethanol, acetone, glycol, and glycerine.

NOTE: When using any solvent, always provide adequate ventilation. Follow precautions on solvent container label.

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### **Handling precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

### **Usable life and storage**

MOLYKOTE® 112 High Consistency Valve Sealant has a shelf life of 60 months from date of manufacture.

### **Packaging**

MOLYKOTE® 112 High Consistency Valve Sealant is available in 5.3 oz (150 g) tubes, 40 lb (18.1 kg) pails, and 440 lb (200 kg) drums, all weights net.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## 95303-G. BESLUX XP-3012



Version: 1  
Revision date: 14/02/2017

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Print date: 14/02/2017

### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

#### 1.1 Product identifier.

Product Name: G. BESLUX XP-3012  
Product Code: 95303

#### 1.2 Relevant identified uses of the mixture and uses advised against.

Lubricant grease

#### Uses advised against:

Uses other than those recommended.

#### 1.3 Details of the supplier of the safety data sheet.

Company: **BRUGAROLAS, S.A.**  
Address: Camí de la Riera 36-44 P.I. Cova Solera  
City: 08191 Rubí  
Province: Barcelona  
Telephone: +34935883100  
Fax: +34935883101  
E-mail: h-seguridad@brugarolas.com  
Web: www.brugarolas.com

**1.4 Emergency telephone number:** +34935883100 (Only available during office hours; Monday-Friday; 08:00-18:00)

### SECTION 2: HAZARDS IDENTIFICATION.

#### 2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:  
Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements.

##### **Labelling in accordance with Regulation (EU) No 1272/2008:**

H statements:  
H412 Harmful to aquatic life with long lasting effects.

P statements:  
P273 Avoid release to the environment.  
P501 Dispose content and container as dangerous waste.

#### 2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

#### 3.1 Substances.

Not Applicable.

#### 3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

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Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
Index No: 015-171-00-7 EC No: 406-940-1 Registration No: 01-0000015643-71-XXXX	O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate	2,5 - 5 %	Aquatic Chronic 2, H411	-

(\*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

### SECTION 4: FIRST AID MEASURES.

#### 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

If wearing contact lenses, remove them. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

#### Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

#### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

### SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

#### 5.1 Extinguishing media.

#### Recommended extinguishing methods.

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

#### 5.2 Special hazards arising from the mixture.

#### Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

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### 5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

#### **Fire protection equipment.**

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

## SECTION 6: ACCIDENTAL RELEASE MEASURES.

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

For exposure control and individual protection measures, see section 8.

### 6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

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

The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.  
For later elimination of waste, follow the recommendations under section 13.

## SECTION 7: HANDLING AND STORAGE.

### 7.1 Precautions for safe handling.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited. Follow legislation on occupational health and safety. Keep the product in containers made of a material identical to the original.

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

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills. The product is not affected by Directive 2012/18/EU (SEVESO III).

### 7.3 Specific end use(s).

Industrial and professional use, described in 1.2.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

#### 8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate N. CAS: N. CE: 406-940-1	DNEL (Workers)	Inhalation, Long-term, Systemic effects	16 (mg/m <sup>3</sup> )

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

#### 8.2 Exposure controls.

##### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

#### 9.1 Information on basic physical and chemical properties.

Appearance: HOMOGENEOUS GREASE  
Colour (\*): TRANSLUCENT WHITE  
Odour: N/A  
pH: N/A  
Dropping point: >300 °C  
Boiling point: >300 °C  
Flash point: >200 °C  
Relative density: 0,8650 g/cm<sup>3</sup> at 20 °C  
Hydrosolubility: INSOLUBLE  
Auto-ignition temperature: N/A °C

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

#### 9.2 Other information.

Kinematic viscosity: N/A cSt at N/A °C

(\*) Due to the characteristics of the product may have slight variations in its colour tone.

### SECTION 10: STABILITY AND REACTIVITY.

#### 10.1 Reactivity.

The product does not present hazards by their reactivity.

#### 10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

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### 10.3 Possibility of hazardous reactions.

In certain conditions this may cause a polymerization reaction.

### 10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Contact with incompatible materials.

### 10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.

### 10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION.

### 11.1 Information on toxicological effects.

There are no tested data available on the product.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

a) acute toxicity;  
Not conclusive data for classification.

b) skin corrosion/irritation;  
Not conclusive data for classification.

c) serious eye damage/irritation;  
Not conclusive data for classification.

d) respiratory or skin sensitisation;  
Not conclusive data for classification.

e) germ cell mutagenicity;  
Not conclusive data for classification.

f) carcinogenicity;  
Not conclusive data for classification.

g) reproductive toxicity;  
Not conclusive data for classification.

h) STOT-single exposure;  
Not conclusive data for classification.

i) STOT-repeated exposure;  
Not conclusive data for classification.

j) aspiration hazard;  
Not conclusive data for classification.

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### SECTION 12: ECOLOGICAL INFORMATION.

#### 12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

#### 12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

#### 12.3 Bioaccumulative potencial.

No information is available regarding the bioaccumulation of the substances present.

#### 12.4 Mobility in soil.

No information is available about the mobility in soil.  
The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.

#### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

#### 12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

### SECTION 13 DISPOSAL CONSIDERATIONS.

#### 13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 2008/98/EC regarding waste management.

### SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

#### 14.1 UN number.

Transportation is not dangerous.

#### 14.2 UN proper shipping name.

Description:  
ADR: Transportation is not dangerous.  
IMDG: Transportation is not dangerous.  
ICAO/IATA: Transportation is not dangerous.

#### 14.3 Transport hazard class(es).

Transportation is not dangerous.

#### 14.4 Packing group.

Transportation is not dangerous.

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### 14.5 Environmental hazards.

Transportation is not dangerous.

### 14.6 Special precautions for user.

Transportation is not dangerous.

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

Transportation is not dangerous.

## SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

### 15.2 Chemical safety assessment.

There has been no evaluation a chemical safety assessment of the product.

## SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H411 Toxic to aquatic life with long lasting effects.

Classification codes:

Aquatic Chronic 2 : Chronic effect to the aquatic environment, category 2

Aquatic Chronic 3 : Chronic effect to the aquatic environment, category 3

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted 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), 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.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.