NEUTRAL SILICONE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: NEUTRAL SILICONE

Other means of identification:

Not relevant

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

Relevant uses: Silicone for permanent water immersion

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

DUROSTICK SA
PATIMA KOROREMI
193 00 ASPROPIRGOS, ATTICA - GREECE
Phone: +30 211 60 03 500-599 - Fax: +30 210 55 99 612
koutsibelis@durostick.gr
www.durostick.gr

1.4 Emergency telephone number: +30 210 77 93 777

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

This product contains less than 1% of crystalline silica breathable fraction, so it does not require classification based on the provisions of Regulation (EU) 1272/2008 of the European Parliament and of the Council, of December 16, 2008, on classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Hazard statements:

Not relevant

Precautionary statements:

Not relevant

Supplementary information:

EUH208: Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.
IF DUST IS GENERATED DURING PROCESSING - WARNING! MAY FORM CONCENTRATIONS OF COMBUSTIBLE DUST IN THE AIR

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

- CONTINUED ON NEXT PAGE -

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification			Concentration
CAS: 64742-47-8 EC: 265-149-8 Index: 649-422-00-2 REACH: 01-2119484819-18-XXXX	**Distillates (petroleum), hydrotreated light (< 0.01 kPa, 20ºC)[1]**		ATP CLP00	**1 - <10 %**
	Regulation 1272/2008	Asp. Tox. 1: H304; EUH066 - Danger		
CAS: 64742-55-8 EC: 265-158-7 Index: 649-468-00-3 REACH: 01-2119487077-29-XXXX	**Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346[1]**		Self-classified	**1 - <10 %**
	Regulation 1272/2008	Asp. Tox. 1: H304 - Danger		
CAS: Non-applicable EC: 484-460-1 Index: Non-applicable REACH: 01-2120004323-76-XXXX	**O,O´,O´´-(methylsilylidyne)trioxime 2-pentanone[1]**		Self-classified	**1 - <10 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning		
CAS: 58190-62-8 EC: 700-810-0 Index: Non-applicable REACH: 01-2120006148-66-XXXX	**2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime[1]**		Self-classified	**1 - <10 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning		
CAS: 1760-24-3 EC: 217-164-6 Index: Non-applicable REACH: 01-2119970215-39-XXXX	**N-(3-(trimethoxysilyl)propyl)ethylenediamine[1]**		Self-classified	**0,1 - <1 %**
	Regulation 1272/2008	Acute Tox. 4: H332; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT RE 2: H373 - Danger		

[1] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
O,O´,O´´-(methylsilylidyne)trioxime 2-pentanone	LD50 oral	1234 mg/kg	Rat
CAS: Non-applicable	LD50 dermal	Not relevant	
EC: 484-460-1	LC50 inhalation	Not relevant	
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	LD50 oral	1500 mg/kg	Rat
CAS: 58190-62-8	LD50 dermal	Not relevant	
EC: 700-810-0	LC50 inhalation	Not relevant	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

- CONTINUED ON NEXT PAGE -

SECTION 4: FIRST AID MEASURES (continued)

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

IF DUST IS GENERATED DURING PROCESSING - Explosion: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

IF DUST IS GENERATED DURING PROCESSING - Dust deposits must not be allowed to accumulate on surfaces, as they may form an explosive mixture if released into the atmosphere in sufficient concentration. Avoid dispersion of dust in the air (i.e. clean dusty surfaces with compressed air). Spark-free tools must be used.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

IF DUST IS GENERATED DURING PROCESSING - Minimise dust generation and accumulation. Routine cleaning should be put in place to ensure that dust does not accumulate on surfaces. Dry powders can accumulate static charges when subjected to the friction of transfer and mixing operations. Provide appropriate precautions, such as grounding and bonding, or inert atmospheres.

B.- Technical recommendations for the prevention of fires and explosions

- CONTINUED ON NEXT PAGE -

SECTION 7: HANDLING AND STORAGE (continued)

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 ºC

Maximum Temp.: 30 ºC

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 64742-55-8	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 265-158-7	Inhalation	Not relevant	Not relevant	Not relevant	5,58 mg/m³
O,O´,O´´-(methylsilylidyne)trioxime 2-pentanone	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	0,065 mg/kg	Not relevant
EC: 484-460-1	Inhalation	Not relevant	Not relevant	0,229 mg/m³	Not relevant
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 58190-62-8	Dermal	Not relevant	Not relevant	0,065 mg/kg	Not relevant
EC: 700-810-0	Inhalation	Not relevant	Not relevant	0,229 mg/m³	Not relevant

DNEL (General population):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 64742-55-8	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 265-158-7	Inhalation	Not relevant	Not relevant	Not relevant	1,19 mg/m³
O,O´,O´´-(methylsilylidyne)trioxime 2-pentanone	Oral	Not relevant	Not relevant	0,033 mg/kg	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	0,033 mg/kg	Not relevant
EC: 484-460-1	Inhalation	Not relevant	Not relevant	0,057 mg/m³	Not relevant
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	Oral	Not relevant	Not relevant	0,033 mg/kg	Not relevant
CAS: 58190-62-8	Dermal	Not relevant	Not relevant	0,033 mg/kg	Not relevant
EC: 700-810-0	Inhalation	Not relevant	Not relevant	0,057 mg/m³	Not relevant

PNEC:

- CONTINUED ON NEXT PAGE -

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346	STP	Not relevant	Fresh water	Not relevant
CAS: 64742-55-8	Soil	Not relevant	Marine water	Not relevant
EC: 265-158-7	Intermittent	Not relevant	Sediment (Fresh water)	Not relevant
	Oral	9,33 g/kg	Sediment (Marine water)	Not relevant
O,O´,O´´-(methylsilylidyne)trioxime 2-pentanone	STP	2,15 mg/L	Fresh water	0,1 mg/L
CAS: Non-applicable	Soil	0,044 mg/kg	Marine water	0,01 mg/L
EC: 484-460-1	Intermittent	Not relevant	Sediment (Fresh water)	0,569 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,057 mg/kg
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	STP	2,22 mg/L	Fresh water	0,103 mg/L
CAS: 58190-62-8	Soil	0,046 mg/kg	Marine water	0,01 mg/L
EC: 700-810-0	Intermittent	Not relevant	Sediment (Fresh water)	0,586 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,059 mg/kg
N-(3-(trimethoxysilyl)propyl)ethylenediamine	STP	25 mg/L	Fresh water	0,062 mg/L
CAS: 1760-24-3	Soil	0,009 mg/kg	Marine water	0,006 mg/L
EC: 217-164-6	Intermittent	0,62 mg/L	Sediment (Fresh water)	0,22 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,022 mg/kg

8.2 Exposure controls:

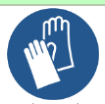
A.- Individual protection measures, such as personal protective equipment

IF DUST IS GENERATED DURING PROCESSING - It is recommended that all dust control equipment, such as on-site ventilation and material conveying systems involved in the handling of this product, contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Please ensure that dust handling systems (such as exhaust ducts, dust collectors, containers and processing equipment) are designed in a way that prevents the escape of dust into the work area (i.e. no leakage from the equipment). Only use properly rated electrical equipment and powered industrial trucks.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Compulsory use of face mask	Filter mask for particles	CE CAT III	EN 149:2001+A1:2010	Replace when an increase in resistence to breathing is observed.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks	CE CAT I		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	CE CAT II	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CE CAT I		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.

- CONTINUED ON NEXT PAGE -

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Anti-slip work shoes	CE CAT II	EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2007

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	1,33 % weight
V.O.C. density at 20 ºC:	13,89 kg/m³ (13,89 g/L)
Average carbon number:	14,97
Average molecular weight:	308,51 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Liquid
Appearance:	Paste
Colour:	Transparent
Odour:	Not available
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 ºC:	Not relevant *
Vapour pressure at 50 ºC:	Not relevant *
Evaporation rate at 20 ºC:	Not relevant *

Product description:

Density at 20 ºC:	1042,5 kg/m³
Relative density at 20 ºC:	1,043
Dynamic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 40 ºC:	Not relevant *
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 ºC:	Not relevant *
Partition coefficient n-octanol/water 20 ºC:	Not relevant *
Solubility in water at 20 ºC:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	Non-applicable
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	225 ºC
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Explosive (Solid):	
Lower explosive limit:	Not relevant *
Upper explosive limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Not relevant *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *
Other safety characteristics:	
Surface tension at 20 ºC:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

- CONTINUED ON NEXT PAGE -

SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  IARC: Distillates (petroleum), hydrotreated light (< 0.01 kPa, 20ºC) (3); Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346 (3); Toluene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346	LD50 oral	>5000 mg/kg	Rat
CAS: 64742-55-8	LD50 dermal	>5000 mg/kg	Rabbit
EC: 265-158-7	LC50 inhalation	>20 mg/L (4 h)	Rat

- CONTINUED ON NEXT PAGE -

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
O,O´,O´´-(methylsilylidyne)trioxime 2-pentanone	LD50 oral	1234 mg/kg (ATEi)	Rat
CAS: Non-applicable	LD50 dermal		
EC: 484-460-1	LC50 inhalation		
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	LD50 oral	1500 mg/kg (ATEi)	Rat
CAS: 58190-62-8	LD50 dermal		
EC: 700-810-0	LC50 inhalation		
N-(3-(trimethoxysilyl)propyl)ethylenediamine	LD50 oral	2295 mg/kg	Rat
CAS: 1760-24-3	LD50 dermal		
EC: 217-164-6	LC50 inhalation		

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346	LC50	5000 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 64742-55-8	EC50	1000 mg/L (48 h)	Daphnia magna	Crustacean
EC: 265-158-7	EC50	1000 mg/L (96 h)	Scenedesmus subspicatus	Algae
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	LC50	110 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 58190-62-8	EC50	110 mg/L (48 h)	Daphnia magna	Crustacean
EC: 700-810-0	EC50	Not relevant		
N-(3-(trimethoxysilyl)propyl)ethylenediamine	LC50	597 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 1760-24-3	EC50	81 mg/L (48 h)	Daphnia magna	Crustacean
EC: 217-164-6	EC50	8,8 mg/L (72 h)	Selenastrum capricornutum	Algae

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	BOD5	Not relevant	Concentration	12 mg/L
CAS: 58190-62-8	COD	Not relevant	Period	28 days
EC: 700-810-0	BOD5/COD	Not relevant	% Biodegradable	1 %
N-(3-(trimethoxysilyl)propyl)ethylenediamine	BOD5	Not relevant	Concentration	Not relevant
CAS: 1760-24-3	COD	Not relevant	Period	28 days
EC: 217-164-6	BOD5/COD	Not relevant	% Biodegradable	39 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Distillates (petroleum), hydrotreated light (< 0.01 kPa, 20ºC)	BCF	130
CAS: 64742-47-8	Pow Log	3.3
EC: 265-149-8	Potential	High
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346	BCF	
CAS: 64742-55-8	Pow Log	3.9
EC: 265-158-7	Potential	

- CONTINUED ON NEXT PAGE -

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	BCF	69
CAS: 58190-62-8	Pow Log	
EC: 700-810-0	Potential	Moderate

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
2-Pentanone, O,O´,O´´-(ethenylsilylidyne)trioxime	Koc	20.9	Henry	Not relevant
CAS: 58190-62-8	Conclusion	Very High	Dry soil	Not relevant
EC: 700-810-0	Surface tension	Not relevant	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09	Non-hazardous

Type of waste (Regulation (EU) No 1357/2014):

Not relevant

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Seveso III:

Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

- CONTINUED ON NEXT PAGE -

SECTION 15: REGULATORY INFORMATION (continued)

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H332 - Harmful if inhaled.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation).

Classification procedure:

Not relevant

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

- END OF SAFETY DATA SHEET -