

## SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

**MULTIS FIL EP 2** 

**SDS no.** 081654

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

1.1 Product identifier

Product name

identification

: MULTIS FIL EP 2

Product code Product description Product type Other means of : 081654

: Not available.

: Solid.

: Not available.

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

Identified uses	
Lubricating grease	
Lines advised excinct	

Uses advised against Not applicable.

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

VotalEnergies Lubrifiants 562 Avenue du Parc de L'ile 92029 Nanterre Cedex FRANCE Tél: +33 (0)1 41 35 40 00 Fax: +33 (0)1 41 35 84 71

m.msds-lubs@totalenergies.com

TotalEnergies Marketing UK Limited 183 Eversholt St, Kings Cross London, NW1 1BU UNITED KINGDOM Tel: +44 (0)20 7339 8000 Fax: +44 (0)20 7339 8033

m.gb-msds@totalenergies.com

H.S.E

### 1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number	: National Poisons Information Service (NPIS): 111
<u>Supplier</u>	
Telephone number	: Emergency telephone: +44 1235 239670
Hours of operation	: Edit the content of sentence <gb -="" hours="" number="" of="" operation="" supplier="" telephone=""> to define this output</gb>
Information limitations	: Edit the content of sentence <gb -="" information="" limitations="" number="" supplier="" telephone=""> to define this output</gb>



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## **SECTION 2: Hazards identification**

2.1 Classification of the sub	stance or mixture
Product definition	: Mixture
	Regulation (EC) No. 1272/2008 [CLP/GHS]
Not classified.	
The product is not classified	as hazardous according to UK CLP Regulation SI 2019/720 as amended.
Ingredients of unknown toxicity	<ul> <li>6 percent of the mixture consists of component(s) of unknown acute oral toxicity</li> <li>6.6 percent of the mixture consists of component(s) of unknown acute dermal toxicity</li> </ul>
Ingredients of unknown ecotoxicity	: Contains 27.5% of components with unknown hazards to the aquatic environment
See Section 11 for more deta	ailed information on health effects and symptoms.
2.2 Label elements	
Signal word	: 📈o signal word.
Hazard statements	: 📈 known significant effects or critical hazards.
Precautionary statements	
Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.
Supplemental label elements	: Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII This mixture does not contain any substances that are assessed to be a PBT or a vPvB in a concentration >= 0,1 %. This product does not contain any substance present at a concentration equal to or greater than 0.1% by mass, included in the list drawn up in accordance with article 59, paragraph 1 of the REACh Regulation, due to its endocrine disrupting properties, or a substance known to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605.

Other hazards which do not result in classification

: None known.

## **SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

: Mixture

Additional information

: Mineral oil of petroleum origin Product containing mineral oil with less than 3% DMSO extract as measured by IP 346 The product is made from synthetic base oils

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.



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## **SECTION 3: Composition/information on ingredients**

SECTION 4: First aid measures		
4.1 Description of first aid measures		
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.	
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.	
Skin contact	: ₩ash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.	
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.	
Protection of first-aiders	: $\overline{M}$ o action shall be taken involving any personal risk or without suitable training.	

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

#### **Over-exposure signs/symptoms**

Eye contact Inhalation	<ul> <li>No specific data.</li> <li>No specific data.</li> </ul>
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.

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

Notes to physician	: 📝 eat symptomatically. Contact poison treatment specialist immediately if large
	quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.

## **SECTION 5: Firefighting measures**

5.1 Extinguishing media Suitable extinguishing media	:
Unsuitable extinguishing media	: ₱o not use water jet.

5.2 Special hazards arising from the substance or mixtureHazards from the<br/>substance or mixture: No specific fire or explosion hazard.



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Hazardous combustion products	: carbon monoxide carbon dioxide nitrogen oxides phosphorus oxides sulfur oxides Hydrogen sulfide Mercaptans Zinc oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Fromptly isolate the scene by removing all persons from the vicinity of the incident in there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures		
For non-emergency personnel	: 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. Put on appropriate personal protective equipment.	
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
6.2 Environmental precautions	: Kvoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	
6.3 Methods and material for containment and cleaning up		
Small spill	: Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.	
Large spill	: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.	
6.4 Reference to other sections	: 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.	



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## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

: **P**ut on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene

**Protective measures** 

: Fating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)	
Recommendations	: Not available.

Industrial sector specific : Not available. solutions

## **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

## **Occupational exposure limits**

No exposure limit value known.

## Reportable hazardous constituent(s) contained in UVCB- and/or multi-constituent substance(s) complying with the classification criteria and/or with an exposure limit (OEL)

No exposure limit value known.

Recommended monitoring procedures	: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
Advisory OEL	: Mineral oil mist: USA: OSHA (PEL) TWA 5 mg/m3, NIOSH (REL) TWA 5 mg/m3, STEL 10 mg/m3, ACGIH (TLV) TWA 5 mg/m3 (highly refined)

### **DNELs/DMELs**

No DNELs/DMELs available.

### **PNECs**

No PNECs available

### 8.2 Exposure controls

## Appropriate engineering controls

: Sood general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures



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**SECTION 8: Exposure controls/personal protection** 

•	· · ·
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.EN 166
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
	Hydrocarbon-proof gloves nitrile rubber Fluorinated rubber
	Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
	In case of prolonged contact with the product, it is recommended to wear gloves complying with ISO 21420 and EN 374 standards, protecting at least for 480 minutes and having a thickness of 0,38 mm at least. These values are indicative only. The level of protection is provided by the material of the glove, its technical characteristics, its resistance to the chemicals to be handled, the appropriateness of its use and its replacement frequency
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: None under normal use conditions. If these are not sufficient to maintain exposure below the OEL, suitable respiratory protection must be worn (Type A/P1).
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature (20°C / 68°F) and pressure (1013 hPa) unless otherwise indicated

9.1 Information on basic physic	cal and chemical properties
<u>Appearance</u>	
Physical state	: 🕱olid. [grease]
Colour	: Green.
Odour	: Characteristic.
Odour threshold	: Not available.
Melting point/freezing point	: ▶180°C



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Initial boiling point and	d chemical properties : Not applicable.	
boiling range		
Flammability (solid, gas)	: <mark>Y</mark> es.	
Upper/lower flammability or explosive limits	: Not applicable.	
Flash point	: Open cup: Not applicable.	
Auto-ignition temperature	perature : Not applicable.	
Decomposition temperature	: ▶180°C	
рН	: Not applicable.	roduct is non-soluble (in water).
Viscosity	: Kinematic (40°C): Not application	able.
Solubility(ies)	:	
Media	Result	
water	Not soluble	
Solubility in water	: Not available.	
Miscible with water	: No.	
Partition coefficient: n-octanol/ water	: ≥3.5	
Vapour pressure	: Not applicable.	
Relative density	: 0.9	
Density	: 🚺 9 g/cm³ [20°C (68°F)]	
Vapour density	: Not applicable.	
Particle characteristics		

## 9.2 Other information

No other relevant physical and chemical parameters for the safe use of the product

## **SECTION 10: Stability and reactivity**

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: Stable under recommended storage and handling conditions (see Section 7).
10.3 Possibility of hazardous reactions	: 🗾 Minder normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.



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## **SECTION 10: Stability and reactivity**

#### 10.6 Hazardous : carbon monoxide decomposition products carbon dioxide nitrogen oxides phosphorus oxides sulfur oxides Hydrogen sulfide Mercaptans Zinc oxides

## **SECTION 11: Toxicological information**

11.1 Information on hazard c	asses as defined in Regulation (EC) No 1272/2008	
Acute toxicity		
<b>Conclusion/Summary</b>	: Based on available data, the classification criteria are not met.	
Acute toxicity estimates		
N/A		
Irritation/Corrosion		
Conclusion/Summary		
Skin	: Based on available data, the classification criteria are not met.	
Eyes	: Based on available data, the classification criteria are not met.	
Respiratory	: Based on available data, the classification criteria are not met.	
<u>Sensitisation</u>		
Conclusion/Summary	:	
Skin	: Based on available data, the classification criteria are not met.	
Respiratory	: Based on available data, the classification criteria are not met.	
Mutagenicity		
<b>Conclusion/Summary</b>	: Based on available data, the classification criteria are not met.	
<b>Carcinogenicity</b>		
<b>Conclusion/Summary</b>	: Based on available data, the classification criteria are not met.	
Reproductive toxicity		
<b>Conclusion/Summary</b>	: Based on available data, the classification criteria are not met.	
<b>Teratogenicity</b>		
<b>Conclusion/Summary</b>	: Based on available data, the classification criteria are not met.	
<u>Specific target organ toxicity (single exposure)</u>		
Not available.		
Conclusion/Summary	: Based on available data, the classification criteria are not met.	
Specific target organ toxicity	<u>(repeated exposure)</u>	
Not available.		
Conclusion/Summary	: Based on available data, the classification criteria are not met.	
Aspiration hazard		
Not available.		
Conclusion/Summery	: Based on available data, the classification criteria are not met.	
Conclusion/Summary	: Based on available data, the classification criteria are not met.	
Information on likely routes	: Not available.	
of exposure		



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## **SECTION 11: Toxicological information**

Potential acute health effects	5	
Eye contact	1	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	1	Defatting to the skin. May cause skin dryness and irritation.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the phy	si	cal, chemical and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following:
		irritation
		dryness cracking
Ingestion		
ingestion	1	No specific data.
Delayed and immediate effect	ts	as well as chronic effects from short and long-term exposure

Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	<u>ects</u>
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: 📈 known significant effects or critical hazards.
Mutagenicity	: 📈 known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

### 11.2 Information on other hazards

### **11.2.1 Endocrine disrupting properties**

This product does not contain any substance present at a concentration equal to or greater than 0.1% by mass, included in the list drawn up in accordance with article 59, paragraph 1 of the REACh Regulation, due to its endocrine disrupting properties, or a substance known to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605.

### 11.2.2 Other information



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## **SECTION 12: Ecological information**

#### 12.1 Toxicity

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

#### **12.3 Bioaccumulative potential**

Product/substance	LogP <sub>ow</sub>	BCF	Potential
MULTIS FIL EP 2	>3.5	-	low

12.4 Mobility in soil	
Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.
Mobility	: Not available.
Mobility in soil	: Given its physical and chemical characteristics, the product has no soil mobility. The product is insoluble and floats on water. Loss by evaporation is limited

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

This product does not contain any substance present at a concentration equal to or greater than 0.1% by mass, included in the list drawn up in accordance with article 59, paragraph 1 of the REACh Regulation, due to its endocrine disrupting properties, or a substance known to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

## 13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: ₩ithin the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.



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## **SECTION 13: Disposal considerations**

	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used The following Waste Codes are only suggestions: 12 01 12*
Packaging	
Methods of disposal	Free generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	If his material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	ICAO/IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

**14.6 Special precautions for : Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in : Not available. bulk according to IMO instruments

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>UK (GB) /REACH</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

### Substances of very high concern

None of the components are listed.

### **Ozone depleting substances**



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## **SECTION 15: Regulatory information**

Not listed.

#### **Prior Informed Consent (PIC)**

Not listed.

#### Persistent Organic Pollutants Not listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

#### Seveso Directive

This product is not controlled under the Seveso Directive.

#### EU regulations

Industrial emissions: Not listed(integrated pollution<br/>prevention and control) -<br/>Air: Not listedIndustrial emissions<br/>(integrated pollution<br/>prevention and control) -<br/>Water: Not listed

#### International regulations

### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

### **Montreal Protocol**

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants Not listed.

## Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

## **Inventory list**

Australia inventory (AIIC) Canada inventory China inventory (IECSC) Europe inventory Japan inventory

- : At least one component is not listed.
- : At least one component is not listed.
- : All components are listed, exempted, or notified.
- : All components are listed or exempted.
- : Japan inventory (CSCL): At least one component is not listed. Japan inventory (ISHL): Not determined.
- : All components are listed or exempted.
- : At least one component is not listed.
- New Zealand Inventory of Chemicals (NZIoC) Philippines inventory (PICCS)



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## SECTION 15: Regulatory information

Korea inventory (KECI)	: At least one component is not listed.
Taiwan Chemical Substances Inventory (TCSI)	: All components are listed or exempted.
Thailand inventory	: Not determined.
Turkey inventory	: Not determined.
United States inventory (TSCA 8b)	: All components are listed or exempted.
Vietnam inventory	: Not determined.
	es solely to the conformity of the chemical product with the

countries Inventories. The information used to confirm the inventory status of this product with the additional data to the chemical composition shown in Section 3. Other regulations may apply for importation or marketing authorizations.

15.2 Chemical safety	: This product contains substances for which Chemical Safety Assessments are stil	l
assessment	required.	

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	<ul> <li>ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level DMEL = Derived Minimal Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic vPvB = Very Persistent and Very Bioaccumulative PNEC = Predicted No Effect Concentration LC50 = Median lethal concentration LD50 = Median lethal dose OEL = Occupational Exposure Limit VOC = Volatile Organic Compound UVCB Substance of unknown or Variable composition, Complex reaction products</li> </ul>
	<b>e</b> ,

Procedure used to derive the classification

Not classified.

Full text of abbreviated H statements

Not applicable.

### Full text of classifications

### Not applicable.

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Version	: 2
Notice to reader	

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2022/09/26			



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## **SECTION 16: Other information**

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.