

# SAFETY DATA SHEET

Version #: 01 Issue date: 24-May-2023 Revision date: -Supersedes date: -

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Trade name or designation of the mixture	Graf-M I XPS	
Registration number	-	
Synonyms	Graf-M Master Batch	
Product code	0121	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Identified uses	Graphite powders are used in a broad range of applications in batteries, foams, lubricants, greases, extruded polystyrene insulation boards, fuel cells, paints, adhesives, chemical/mechanical polishing, coatings & roofing products, for use primarily in the building and construction, transportation, energy storage and semiconductor markets. A pellet with concentrated Graf+ powder offers a new delivery system for the customers.	
Uses advised against	Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.	
1.3. Details of the supplier of the	e safety data sheet	
Manufacturer/Supplier	NeoGraf Solutions, LLC	
	11709 Madison Ave.	
	Lakewood, OH 44107	
	+1 216-529-3777	
Contact person	Product Responsibility Manager +1 216-529-3722	
E-mail	info@neograf.com	
1.4. Emergency telephone number	For Chemical Emergency ONLY, call 3E at:	
	+44-20-35147487, +1-760-476-3961	
	Access Code: 333366	
General in EU	112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)	
National Poisons Control Centre	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)	
SECTION 2: Hazards identification		

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

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms	None.
Signal word	None.
Hazard statements	The mixture does not meet the criteria for classification.
Precautionary statements	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.

<b>_</b>		
Disposal	Dispose of waste and residues in accordance with local authority requirements.	
Supplemental information on the label	None.	
2.3. Other hazards	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight. The mixture does not contain any substances having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1% by weight.	
<b>SECTION 3: Composition/i</b>	nformation on ingredients	
3.2. Mixtures		
General information		
Chemical name	% CAS-No. / EC No. REACH Registration No. Index No. Notes	
Ethylene Methyl Acrylate Cope	olymer 50 - 70 25103-74-6	
Classif	cation: -	
Natural graphite	30 - 50 7782-42-5 231-955-3	
Classif	ication: -	
Composition comments	All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all H-statements is displayed in section 16.	
<b>SECTION 4: First aid meas</b>	sures	
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.	
4.1. Description of first aid meas	ures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.	
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.	
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.	
Ingestion	Rinse mouth. Get medical attention if symptoms occur.	
4.2. Most important symptoms and effects, both acute and delayed	Direct contact with eyes may cause temporary irritation.	
4.3. Indication of any immediate medical attention and special treatment needed	Treat symptomatically.	
SECTION 5: Firefighting m	easures	
General fire hazards	No unusual fire or explosion hazards noted.	
5.1. Extinguishing media Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising from the substance or mixture	During fire, gases hazardous to health may be formed.	
5.3. Advice for firefighters Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.	
Special fire fighting procedures	Use water spray to cool unopened containers.	
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.	
SECTION 6: Accidental rel	ease measures	
6.1. Personal precautions, protect	ctive equipment and emergency procedures	
For non-emergency personnel	Wear appropriate personal protective equipment.	
For emergency responders 6.2. Environmental precautions	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. Avoid discharge into drains, water courses or onto the ground.	

6.3. Methods and material for containment and cleaning up	Stop the flow of material, if this is without risk. Following product recovery, flush area with water. The product is insoluble in water.	
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.	
SECTION 7: Handling and storage		
7.1. Precautions for safe	Minimise dust generation and accumulation. Provide appropriate exhaust ventilation at places	

7.1. Precautions for safe handling	Minimise dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see section 10 of the SDS).
7.3. Specific end use(s)	Graphite powders are used in a broad range of applications in batteries, foams, lubricants, greases, extruded polystyrene insulation boards, fuel cells, paints, adhesives, chemical/mechanical polishing, coatings & roofing products, for use primarily in the building and construction, transportation, energy storage and semiconductor markets. Observe industrial sector guidance on best practices. A pellet with concentrated Graf+ powder offers a new delivery system for the customers.

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

Occupational exposure limits			
Belgium. Exposure Limit \ Components	/alues Type	Value	Form
Natural graphite (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.
Biological limit values	No biological exposure limits noted for	or the ingredient(s).	
Recommended monitoring procedures	Follow standard monitoring procedur	es.	
Derived no effect levels (DNELs)	Not available.		
Predicted no effect concentrations (PNECs)	Not available.		
8.2. Exposure controls			
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
Individual protection measures	s, such as personal protective equipm	ent	
General information	Personal protection equipment shoul discussion with the supplier of the pe		CEN standards and in
Eye/face protection	Wear safety glasses with side shields (or goggles). Eye protection should meet standard EN 166.		
Skin protection			
- Hand protection	Wear suitable gloves tested to EN37	4.	
- Other	Wear suitable protective clothing.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Use filter type P2 according to EN 143.		
Thermal hazards	Wear appropriate thermal protective	clothing, when necessary.	
Hygiene measures	Always observe good personal hygie and before eating, drinking, and/or sr equipment to remove contaminants.		
Environmental exposure controls	Emissions from ventilation or work pr with the requirements of environment engineering modifications to the proc acceptable levels.	al protection legislation. Fume	e scrubbers, filters or

# 9.1. Information on basic physical and chemical properties

Physical state	Solid.
Form	Solid.
Colour	Grey
Odour	Slight hydrocarbon.

Melting point/freezing point	61 °C (141,8 °F)	
Boiling point or initial boiling point and boiling range	Not applicable.	
Flammability	Will burn if involved in a fire.	
Upper/lower flammability or exp	(plosive limits	
Explosive limit - lower ( %)	Not applicable.	
Explosive limit – upper (%)	Not applicable.	
Flash point	Not applicable.	
Auto-ignition temperature	Property has not been measured.	
Decomposition temperature	Property has not been measured.	
рН	Not applicable (material is insoluble in water).	
Kinematic viscosity	Not applicable, material is a solid.	
Solubility		
Solubility (water)	Insoluble.	
Partition coefficient (n-octanol/water) (log value)	Not applicable, product is a mixture. Not applicable for mixtures.	
Vapour pressure	Not applicable, material is a solid.	
Density and/or relative density		
Density	0,95 g/cc	
Relative density	0,95 (Water=1) @23C	
Vapour density	Not applicable, material is a solid.	
Particle characteristics	Not available.	
9.2. Other information		
9.2.1. Information with regard to physical hazard classes	No relevant additional information available.	
9.2.2. Other safety characteristic		
Evaporation rate	Not applicable, material is a solid.	
Percent volatile	Not applicable, material is a solid.	
Viscosity	Not applicable, material is a solid.	
SECTION 10: Stability and	reactivity	
10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.	
10.2. Chemical stability	Material is stable under normal conditions.	
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.	
10.4. Conditions to avoid	Contact with incompatible materials.	
10.5. Incompatible materials	Chlorine.	
10.6. Hazardous decomposition products	No hazardous decomposition products are known.	
SECTION 11: Toxicological information		
General information	Occupational exposure to the substance or mixture may cause adverse effects.	
Information on likely routes of e	xposure	
Inhalation	Prolonged inhalation may be harmful.	
Skin contact	Prolonged skin contact may cause temporary irritation.	
Eye contact	Direct contact with eyes may cause temporary irritation.	
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.	

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

occupational exposure.

Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.
Serious eye damage/eye irritation	Due to partial or complete lack of data the classification is not possible.
Respiratory sensitisation	Due to partial or complete lack of data the classification is not possible.
Graf-M I XPS	

Dusts may irritate the respiratory tract, skin and eyes. Coughing.

Symptoms

Skin sensitisation	Due to partial or complete lack of data the classification is not possible.	
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.	
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.	
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.	
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.	
Specific target organ toxicity - repeated exposure	Not classified. Based on available data, the classification criteria are not met.	
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.	
Mixture versus substance information	No information available.	
11.2. Information on other hazard	ds	
Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.	
Other information	Not available.	
SECTION 12: Ecological information		
12.1. Toxicity	Based on available data, the classification criteria are not met for hazardous to the aquatic environment.	
12.2. Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.	
12.3. Bioaccumulative potential	No data available.	
Partition coefficient n-octanol/water (log Kow)	Not applicable, product is a mixture.	
Bioconcentration factor (BCF)	Not available.	
Bioconcentration factor (BCF)	Not available.	
Bioconcentration factor (BCF) 12.4. Mobility in soil 12.5. Results of PBT and vPvB	Not available. The product is insoluble in water. This mixture does not contain substances assessed to be vPvB / PBT according to Regulation	
Bioconcentration factor (BCF) 12.4. Mobility in soil 12.5. Results of PBT and vPvB assessment 12.6. Endocrine disrupting	Not available. The product is insoluble in water. This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than	

#### **SECTION 13: Disposal considerations**

13.1. Waste treatment methods	
Residual waste	Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

# **SECTION 14: Transport information**

ADR	
14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not regulated as dangerous goods.
14.3. Transport hazard class	(es)
Class	Not assigned.
Subsidiary risk	-
Hazard No. (ADR)	Not assigned.
Tunnel restriction code	Not assigned.
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No.

	14.6. Special precautions for user	Not assigned.	
RID			
	14.1. UN number	Not regulated as dangerous goods.	
	14.2. UN proper shipping name	Not regulated as dangerous goods.	
	14.3. Transport hazard class(	es)	
	Class	Not assigned.	
	Subsidiary risk	-	
	14.4. Packing group	Not assigned.	
	14.5. Environmental hazards	-	
	14.6. Special precautions	Not assigned.	
	for user	Het designed.	
ADN			
	14.1. UN number	Not regulated as dangerous goods.	
		Not regulated as dangerous goods.	
	14.2. UN proper shipping name	Not regulated as dangerous goods.	
	14.3. Transport hazard class(		
	-	-	
	Class	Not assigned.	
	Subsidiary risk	-	
	14.4. Packing group	Not assigned.	
	14.5. Environmental hazards		
	14.6. Special precautions	Not assigned.	
ΙΑΤΑ	for user		
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		N / / / / /	
	14.1. UN number	Not regulated as dangerous goods.	
	14.2. UN proper shipping	Not regulated as dangerous goods. Not regulated as dangerous goods.	
	14.2. UN proper shipping name	Not regulated as dangerous goods.	
	14.2. UN proper shipping name 14.3. Transport hazard class(	Not regulated as dangerous goods.	
	14.2. UN proper shipping name 14.3. Transport hazard class( Class	Not regulated as dangerous goods.	
	14.2. UN proper shipping name 14.3. Transport hazard class( Class Subsidiary risk	Not regulated as dangerous goods. es) Not assigned.	
	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class</li> <li>Class</li> <li>Subsidiary risk</li> <li>14.4. Packing group</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. - Not assigned.	
	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class( Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. No.	
	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class( Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. - Not assigned.	
	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. No.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. - Not assigned. No. Not assigned.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. - Not assigned. No. Not assigned. Not regulated as dangerous goods.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. - Not assigned. No. Not assigned.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. Not assigned. Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. No. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. Not regulated as dangerous goods.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class</li> </ul>	Not regulated as dangerous goods. <b>es)</b> Not assigned. Not assigned. Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. No. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. Not regulated as dangerous goods. - Not assigned. -	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. No. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. Not regulated as dangerous goods.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. Not regulated as dangerous goods. - Not assigned. - Not assigned. -	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.5. Environmental hazards</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. es) Not assigned. - Not assigned. - Not assigned. - Not assigned.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.5. Environmental hazards</li> <li>Marine pollutant</li> <li>EmS</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. es) Not assigned. - Not assigned. - Not assigned. -	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>Marine pollutant</li> <li>EmS</li> <li>14.6. Special precautions</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. es) Not assigned. - Not assigned. - Not assigned. - Not assigned.	
IMD	<ul> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.6. Special precautions for user</li> <li>G</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class (Class Subsidiary risk</li> <li>14.4. Packing group</li> <li>14.5. Environmental hazards</li> <li>14.5. Environmental hazards</li> <li>Marine pollutant</li> <li>EmS</li> </ul>	Not regulated as dangerous goods. es) Not assigned. - Not assigned. Not assigned. Not regulated as dangerous goods. Not regulated as dangerous goods. es) Not assigned. - Not assigned. - Not assigned. -	

according to IMO instruments

#### **SECTION 15: Regulatory information**

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

**EU** regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

- Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/ Not listed.	2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended	
Regulation (EU) No. 649/ Not listed.	2012 concerning the export and import of dangerous chemicals, Annex V as amended	
Regulation (EC) No. 166/ Not listed.	2006 Annex II Pollutant Release and Transfer Registry, as amended	
Regulation (EC) No. 190 Not listed.	7/2006, REACH Article 59(10) Candidate List as currently published by ECHA	
Authorisations		
Regulation (EC) No. 190 Not listed.	7/2006, REACH Annex XIV Substances subject to authorization, as amended	
Restrictions on use		
Regulation (EC) No. 190	7/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended	
Not listed.		
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutag work, as amended.		
Not listed.		
Other EU regulations		
Directive 2012/18/EU on	major accident hazards involving dangerous substances, as amended	
Not listed.		
Other regulations	The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.	
National regulations	Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.	
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.	
SECTION 16: Other info	ormation	
List of abbreviations		

	ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
	ADR: Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstract Service.
	CEN: European Committee for Standardization.
	IATA: International Air Transport Association.
	IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
	IMDG: International Maritime Dangerous Goods.
	MARPOL: International Convention for the Prevention of Pollution from Ships. PBT: Persistent, bioaccumulative and toxic.
	RID: Regulations concerning the International Carriage of Dangerous Goods by Rail. TWA: Time Weighted Average.
	vPvB: Very persistent and very bioaccumulative.
References	EPA: AQUIRE database ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices HSDB® - Hazardous Substances Data Bank National Toxicology Program (NTP) Report on Carcinogens NLM: Hazardous Substances Data Base US. IARC Monographs on Occupational Exposures to Chemical Agents IARC Monographs. Overall Evaluation of Carcinogenicity
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any statements, which are not written out in full under sections 2 to 15	None.
Training information	Follow training instructions when handling this material.

NeoGraf Solutions cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

The information in the sheet was written based on the best knowledge and experience currently available. This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.