

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 3/1/2019 Revision date: 3/1/2019 Version: 2.0

1.1. Product identifier	e substance/mixture and of the company/undertaking
Product form	: Substance
Substance name	: Malachite Green Oxalate(C.I 42000)
Chemical name	: malachite green oxalate
EC Index-No.	: 602-096-00-5
EC-No.	: 219-441-7
CAS-No.	: 2437-29-8
Product code	: 49144771
Formula	: C52H54N4O12
Product group	: Raw material
.2. Relevant identified uses of the	substance or mixture and uses advised against
.2.1. Relevant identified uses	
lain use category	: Laboratory use,Industrial use,Professional use
ndustrial/Professional use spec	: For professional use only
I.2.2. Uses advised against No additional information available	
.3. Details of the supplier of the sa	ifety data sheet
Supplier	
Scafell Organics Molekula Ltd Lingfield Way Darlington - England Γ +44 (0) 1949 823777 / +44 (0) 7590 545 nfo@molekula.com / kbowen@molekula.c 1.4. Emergency telephone number	
Emergency relephone number	: +44 (0) 7590 545705
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SECTION 2: Hazards identificati	ion
c. 1. Classification of the substance	or mixture
Classification according to Regulation (
Classification according to Regulation (Reproductive toxicity, Category 2	(EC) No. 1272/2008 [CLP]
Classification according to Regulation (Reproductive toxicity, Category 2 Acute toxicity (oral), Category 4	(EC) No. 1272/2008 [CLP] H361d H302
Classification according to Regulation (Reproductive toxicity, Category 2 Acute toxicity (oral), Category 4 Serious eye damage/eye irritation, Categor	(EC) No. 1272/2008 [CLP] H361d H302 ry 1 H318
Classification according to Regulation (Reproductive toxicity, Category 2 Acute toxicity (oral), Category 4 Serious eye damage/eye irritation, Categor Hazardous to the aquatic environment — A	(EC) No. 1272/2008 [CLP] H361d H302 ry 1 H318 Acute Hazard, Category 1 H400
Classification according to Regulation (Reproductive toxicity, Category 2 Acute toxicity (oral), Category 4 Serious eye damage/eye irritation, Categor Hazardous to the aquatic environment — A Hazardous to the aquatic environment — C	(EC) No. 1272/2008 [CLP] H361d H302 ry 1 H318 Acute Hazard, Category 1 H400
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Classification according to Regulation (Reproductive toxicity, Category 2 Acute toxicity (oral), Category 4 Serious eye damage/eye irritation, Categor Hazardous to the aquatic environment — A Hazardous to the aquatic environment — C Full text of H statements : see section 16 Adverse physicochemical, human healt	(EC) No. 1272/2008 [CLP]H361dH302ry 1H318Acute Hazard, Category 1H400Chronic Hazard, Category 1H410
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This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information 3.1. Substances	on on ingredients				
Substance type : Mono-constituent					
lame Product identifier %					
Malachite Green Oxalate(C.I 42000) (CAS-No.) 2437-29-8 (EC-No.) 219-441-7 (EC Index-No.) 602-096-00-5 100					
Full text of H-statements: see section 16					
0.0 Mixturee					

3.2. Mixtures Not applicable

SECTION 4: First aid measures					
4.1. Description of first aid measures					
First-aid measures general	: Never give anything by mouth to an unconscious person. If possible show this sheet, if not available show packaging or label. Do not leave affected person unattended.				
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. If experiencing respiratory symptoms: Get medical advice/attention.				
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Do not remove clothing if it sticks to the skin. If skin irritation occurs: Get medical advice/attention.				
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.				
First-aid measures after ingestion	 Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell. 				
4.2. Most important symptoms and effects,	both acute and delayed				
Symptoms/effects after inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing).				
Symptoms/effects after skin contact	: Dust may cause irritation in skin folds or by contact in combination with tight clothing. Itching. Rednesses.				
Symptoms/effects after eye contact	: Causes serious eye damage. Redness, pain. stinging. Tears.				
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard. Ingestion may cause nausea, vomiting and diarrhea.				

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

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the substa	ince or mixture
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO2). Nitrogen oxides.
5.3. Advice for firefighters	
Precautionary measures fire	: Exposure to fire/heat: seal off low-lying areas. Keep container tightly closed and away from heat, sparks and flame.
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Use extinguishing agent suitable for surrounding fire.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Warn all persons of toxic hazard.

SECTION 6: Accidental release measures					
6.1. Personal precautions, protective equ	uipment and emergency procedures				
General measures : Isolate from fire, if possible, without unnecessary risk. No flames, no sparks. E sources of ignition. Avoid dust formation.					
6.1.1. For non-emergency personnel					
Protective equipment	: Wear recommended personal protective equipment.	mended personal protective equipment.			
Emergency procedures	: Evacuate unnecessary personnel. Mark out the contaminated area with signs and preva access to unauthorized personnel. Avoid contact with skin, eyes and clothing. Do not breathe dust. Do not touch or walk on the spilled product.	ent			
Measures in case of dust release	: Keep upwind. Ventilate the area thoroughly, especially low lying areas (basements, workpits etc).				
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6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection. Use self-contained breathing apparatus and chemically protective clothing.
Emergency procedures	: Ventilate area. Stop leak if safe to do so.
6.2. Environmental precautions	
Prevent entry to sewers and public water	s. Notify authorities if product enters sewers or public waters. Avoid release to the environment.
6.3. Methods and material for cont	tainment and cleaning up
Methods for cleaning up	: On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials.

6.4. Reference to other sections See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage				
7.1. Precautions for safe handling				
Precautions for safe handling	: Provide local exhaust or general room ventilation. Avoid creating or spreading dust.			
Hygiene measures	: Take off immediately all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Always wash hands after handling the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.			
7.2. Conditions for safe storage, including any incompatibilities				
Technical measures	: Ensure adequate ventilation, especially in confined areas.			
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.			
Incompatible products	: Oxidising agents.			
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.			
Storage area	: Store at ambient temperature. Store in a dry place. Store in a closed container.			
7.3. Specific end use(s)				
No additional information available				

SECTION 8: Exposure controls/personal protection	
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Handle in accordance with good industrial hygiene and safety procedures. Provide local exhaust or general room ventilation.	
Personal protective equipment:	
Avoid all unnecessary exposure.	

Hand protection:					
The protective gloves	to be used must comply	with the specifications o	f the regulation 2016/425	and the resultant star	idard EN 374
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.11		EN 374
Eye protection:					
	fountains should be avail		, ,	posure. Use eye prote	ction according to EN 166,

designed to protect against powders and dusts. Chemical goggles or safety glasses					
Туре	Use	Characteristics	Standard		
Face shield, Safety goggles	Dust	tightly fitting safety goggles, With side shields	EN 166		
Skin and body protection:					
Emergency safety showers should be available in the immediate vicinity of any potential exposure. Keep suitable chemically resistant protective clothing readily available for emergency use					

Туре	Standard
Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product	EN ISO 13982

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Respiratory protection:

Self contained breathing apparatus, in case of emergency. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Device	Filter type	Condition	Standard
Respiratory protective device with a particle filter	Туре РЗ	Dust protection	EN 14387

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical pro	poerties
9.1. Information on basic physical and cher	
Physical state	: Solid
Appearance	: Powder.
Molecular mass	: 927.01 g/mol
Colour	: Green.
Odour	: No data available.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 144 - 150 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: 164 °C
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Soluble in : Ethanol.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	

No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.
10.5. Incompatible materials
Oxidising agents.
10.6. Hazardous decomposition products
No hazardous decomposition products known at room temperature. Thermal decomposition generates : Nitrogen oxides. Carbon oxides (CO, CO2).

SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Oral: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

symptoms

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Malachite Green Oxalate(C.I 42000) (243	7-29-8)
LD50 oral rat	275 mg/kg Behavioral:Change in motor activity (specific assay). Diarrhoea Gastrointestinal:Other changes.
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Suspected of damaging the unborn child.
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and	: Harmful if swallowed.

SECTION 12: Ecological information 12.1. Toxicity Ecology - water : Very toxic to aquatic life with long lasting effects. Acute aquatic toxicity : Very toxic to aquatic life. Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects. Malachite Green Oxalate(C.I 42000) (2437-29-8) LC50 fish 1 0.14 mg/l Ictalurus punctatus 96hr EC50 Daphnia 1 0.29 mg/l Daphnia magna (Water flea) - 12.2. Persistence and degradability Malachite Green Oxalate(C.I 42000) (2437-29-8) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential No data available. Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential No data available. 12.4. Mobility in soil No additional information available 12.5. Results of PBT and vPvB assessment Malachite Green Oxalate(C.I 42000) (2437-29-8) This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII 12.5. Other adverse effects Additional information : Avoid release to the environment.				
Ecology - water : Very toxic to aquatic life with long lasting effects. Acute aquatic toxicity : Very toxic to aquatic life. Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects. Malachite Green Oxalate(C.I 42000) (2437-29-8) LC50 fish 1 0.14 mg/l lctalurus punctatus 96hr EC50 Daphnia 1 0.29 mg/l Daphnia magna (Water flea) - 12.2. Persistence and degradability Malachite Green Oxalate(C.I 42000) (2437-29-8) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential No data available. Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential No data available. 12.4. Mobility in soil No additional information available No data available. 12.5. Results of PBT and vPvB assessment Malachite Green Oxalate(C.I 42000) (2437-29-8) This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII 12.6. Other adverse effects	SECTION 12: Ecological information			
Acute aquatic toxicity : Very toxic to aquatic life. Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects. Malachite Green Oxalate(C.I 42000) (2437-29-8) LC50 fish 1 0.14 mg/l Ictalurus punctatus 96hr EC50 Daphnia 1 0.29 mg/l Daphnia magna (Water flea) - 12.2. Persistence and degradability Malachite Green Oxalate(C.I 42000) (2437-29-8) Persistence and degradability Malachite Green Oxalate(C.I 42000) (2437-29-8) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential No data available. 12.4. Mobility in soil No data available. No additional information available Information available 12.5. Results of PBT and vPvB assessment Malachite Green Oxalate(C.I 42000) (2437-29-8) This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII 12.6. Other adverse effects				
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects. Malachite Green Oxalate(C.I 42000) (2437-29-8) 0.14 mg/l lctalurus punctatus 96hr EC50 Daphnia 1 0.29 mg/l Daphnia magna (Water flea) - 12.2. Persistence and degradability Malachite Green Oxalate(C.I 42000) (2437-29-8) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential No data available. 12.4. Mobility in soil No data available. 12.5. Results of PBT and vPvB assessment Image: Comparison of the pBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII 12.6. Other adverse effects Use adverse effects				
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EC50 Daphnia 1 0.29 mg/l Daphnia magna (Water flea) - 12.2. Persistence and degradability Malachite Green Oxalate(C.I 42000) (2437-29-8) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Malachite Green Oxalate(C.I 42000) (2437-29-8) Bioaccumulative potential No data available. 12.4. Mobility in soil No data available. 12.5. Results of PBT and vPvB assessment Malachite Green Oxalate(C.I 42000) (2437-29-8) This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII 12.6. Other adverse effects 12.6. Other adverse effects	Malachite Green Oxalate(C.I 42000) (2437-2	9-8)		
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12.6. Other adverse effects	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII			
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII			
Additional information : Avoid release to the environment.	12.6. Other adverse effects			
	Additional information	: Avoid release to the environment.		

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA / ADN

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number				
2811	2811	2811	2811	2811
14.2. UN proper shipping	g name		I	
TOXIC SOLID, ORGANIC, N.O.S.	TOXIC SOLID, ORGANIC, N.O.S.	Toxic solid, organic, n.o.s.	TOXIC SOLID, ORGANIC, N.O.S.	TOXIC SOLID, ORGANIC, N.O.S.
Transport document descri	iption		1	
UN 2811 TOXIC SOLID, ORGANIC, N.O.S. (Malachite Green Oxalate), 6.1, III, (E), ENVIRONMENTALLY HAZARDOUS	UN 2811 TOXIC SOLID, ORGANIC, N.O.S. (Malachite Green Oxalate), 6.1, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 2811 Toxic solid, organic, n.o.s. (Malachite Green Oxalate), 6.1, III, ENVIRONMENTALLY HAZARDOUS	UN 2811 TOXIC SOLID, ORGANIC, N.O.S. (Malachite Green Oxalate), 6.1, III, ENVIRONMENTALLY HAZARDOUS	UN 2811 TOXIC SOLID, ORGANIC, N.O.S. (Malachite Green Oxalate), 6.1, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard o	class(es)			
6.1	6.1	6.1	6.1	6.1
6	6			6 ¥2
14.4. Packing group				
III	III	III	III	III
14.5. Environmental haz	ards			
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary informatio	on available			
14.6. Special precautions	s for user			
Overland transport				
Classification code (ADR)	: T2			
Special provisions (ADR)		4, 614		
Limited quantities (ADR)	: 5k			
Excepted quantities (ADR)	: E1			
Packing instructions (ADR)		002, IBC08, LP02, R001		
Special packing provisions (A	,			
Mixed packing provisions (AD Portable tank and bulk contain				
(ADR)				
Portable tank and bulk container special provisions : TP33 (ADR)				
Tank code (ADR)	: SC	GAH, L4BH		
Tank special provisions (ADR	.) : TL	J15, TE19		
Vehicle for tank carriage	: AT	Г		
Transport category (ADR) : 2				
		: VC1, VC2, AP7		
Special provisions for carriage unloading and handling (ADR)		/13, CV28		
Special provisions for carriage	e - Operation (ADR) : S9)		
Hazard identification number ((Kemler No.) : 60)		
Orange plates	:	60		
		2811		
Tunnel restriction code (ADR)) : E	2811		

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Transport by sea	
Special provisions (IMDG)	: 223, 274
Packing instructions (IMDG)	: P002
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: T1
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-A
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Toxic if swallowed, by skin contact or by inhalation.
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y645
PCA limited quantity max net quantity (IATA)	: 10kg
PCA packing instructions (IATA)	: 670
PCA max net quantity (IATA)	: 100kg
CAO packing instructions (IATA)	: 677
CAO max net quantity (IATA)	: 200kg
Special provisions (IATA)	: A3, A5
ERG code (IATA)	: 6L
Inland waterway transport	
Classification code (ADN)	: T2
Special provisions (ADN)	: 274, 614, 802
Limited quantities (ADN)	: 5 kg
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: T2
Special provisions (RID)	: 274, 614
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P002, IBC08, LP02, R001
Special packing provisions (RID)	: B3
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T1
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAH, L4BH
Special provisions for RID tanks (RID)	: TU15
Transport category (RID)	: 2
Special provisions for carriage – Bulk (RID)	: VC1, VC2, AP7
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW28, CW31
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 60
14.7. Transport in bulk according to Annex	II of Marpol and the IBC Code
Netennicable	

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions Malachite Green Oxalate(C.I 42000) is not on the REACH Candidate List Malachite Green Oxalate(C.I 42000) is not on the REACH Annex XIV List Directive 2012/18/EU (SEVESO III)

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

15.1.2. National regulations

: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)
: The substance is not listed
: Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other in	SECTION 16: Other information		
Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL December 2008 on classification, labelling and packaging of substances and mixtures, amending repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006			
Other information	: None.		
Full text of H- and EUH-sta	atements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1		

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Repr. 2	Reproductive toxicity, Category 2
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product