Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 19.06.2020 Version number 5 Revision: 19.06.2020

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1 Identification of the substance/mixture and of the company/undertaking

· **Product identifier**

· **Trade name:** **MERPOXEN SML 200 QL**

· **Article number:** 521526
· **CAS Number:**
9005-64-5
· **EINECS Number:**
Polymer
· **Registration number**
The product is a polymer and therefore exempted from registration obligation under REACH.
· **Relevant identified uses of the substance or mixture and uses advised against** .
· **Application of the substance / the mixture** Emulsifier
· **Uses advised against** No further relevant information available.

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Wall Chemie GmbH
Am Selder 25
D-47906 KEMPEN
DEUTSCHLAND
Tel.: +49 2152 8999 0
E-Mail: sicherheit@wall-chemie.com

· **Further information obtainable from:** Safety and health group
· **Emergency telephone number:**
This number is serviced during office hours: +49 2152 8999 0
Giftinformationszentrum Nord 24h-information: +49 551 19240

2 Hazards identification

· **Classification of the substance or mixture**
This Product is classified as not dangerous for the purpose of the relevant directives and therefore does not require labelling. Nevertheless we recommend to be careful with the material as you used to be with other chemicals.
· **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified, according to the CLP regulation.

· **Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** Void
· **Hazard pictograms** Void
· **Signal word** Void

· **(Hazard-determining) components of labelling:**
9005-64-5 Polyoxyethylene sorbitan monolaurate
· **Hazard statements** Void
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterisation: Substances**
· **CAS No. Description**
9005-64-5 Polyoxyethylene sorbitan monolaurate
· **Identification number(s)**
· **EC number:** Polymer

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 19.06.2020 Version number 5 Revision: 19.06.2020

Trade name: MERPOXEN SML 200 QL

(Contd. of page 1)

· **Additional information:** Polymers are exempted from registration obligation under REACH.

4 First aid measures

· **Description of first aid measures**
· **General information:** No special measures required.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:**
Seek medical treatment.
Rinse mouth.
Do not induce vomiting.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
Risk of aspiration.

5 Firefighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Organic decomposition products
Carbon oxides (COx)
· **Advice for firefighters**
· **Protective equipment:** Use suitable breathing apparatus if necessary.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
Avoid contact with the eyes and skin.
Wear protective equipment. Keep unprotected persons away.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
No special measures required.
Open and handle receptacle with care.
Wear protective clothing.
Do not eat, drink or smoke in working area.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 19.06.2020 Version number 5 Revision: 19.06.2020

Trade name: MERPOXEN SML 200 QL

(Contd. of page 2)

· **Information about fire - and explosion protection:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** None.
· **Storage class:** Combustible liquid.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**
· **Ingredients with limit values that require monitoring at the workplace:**
· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
The recommended specification of the protective clothing articles is to be chosen according to the duration of the exposition, the concentration and the amount of the dangerous substances at the working environment. Seek advice of the suppliers.
· **Respiratory protection:** Not required.
· **Protection of hands:**

Protective gloves

· **Material of gloves**
e.g. Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.5 mm
· **Penetration time of glove material**
Minimum breakthrough time : > 120 min (Permeation according to EN 374 Part 3: level 4)
· **Eye protection:**

Tightly sealed goggles (EN 166).

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Fluid
Colour:	Yellowish
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.
· **pH-value (10 g/l) at 20 °C:**	6.0 - 8.0

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 19.06.2020 Version number 5 Revision: 19.06.2020

Trade name: MERPOXEN SML 200 QL

(Contd. of page 3)

· **Change in condition** **Melting point/freezing point:** **Initial boiling point and boiling range:**	 <0 °C Undetermined.
· **Flash point:**	330 °C
· **Flammability (solid, gas):**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **Auto-ignition temperature:**	Not determined.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Explosion limits:** **Lower:** **Upper:**	 Not determined. Not determined.
· **Vapour pressure:**	Not determined.
· **Density:** · **Relative density** · **Vapour density** · **Evaporation rate**	ca. 1.05 g/cm³(60°C) Not determined. Not determined. Not determined.
· **Solubility in / Miscibility with water:**	Not determined.
· **Partition coefficient: n-octanol/water:**	Product is an emulsifier.
· **Viscosity:** **Dynamic at 40 °C:** **Kinematic:** · **Other information**	 350 mPas Not determined. No further relevant information available.

10 Stability and reactivity

· **Reactivity** Product is stable under normal ambient conditions.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.
· **LD/LC50 values relevant for classification:**
According to CESIO-recommendation 03/2017.

Oral	LD50	>2000 mg/kg (rat) (OECD 401)

· **Primary irritant effect:**
· **Skin corrosion/irritation**
According to CESIO-recommendation 03/2017.
No irritating effect.
· **Serious eye damage/irritation**
According to CESIO-recommendation 03/2017.

(Contd. on page 5)

Safety data sheet
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Trade name: MERPOXEN SML 200 QL

(Contd. of page 4)

No irritating effect.
· **Respiratory or skin sensitisation** No sensitising effects known.
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
· **Germ cell mutagenicity** no data
· **Carcinogenicity** no data
· **Reproductive toxicity** no data
· **STOT-single exposure** no data
· **STOT-repeated exposure** no data
· **Aspiration hazard** no data

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12 Ecological information

· **Toxicity**
· **Aquatic toxicity:**
The classification was carried out according to CESIO-recommendation 03/2017
According to CESIO-recommendation 10/2015 (Env. class.): Acute: >100 mg/l
· **Persistence and degradability**
According to CESIO-recommendation 10/2015 (Env. class.)
Not easily biodegradable
· **Behaviour in environmental systems:**
· **Bioaccumulative potential**
According to CESIO-recommendation 10/2015 (Env. class.)
An accumulation in organisms is not expected.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation**
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
· **Waste disposal key:**
Determine wastes code in compliance with local waste management company according the European Waste Catalogue (EWC).

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **UN-Number**
· **ADR, ADN, IMDG, IATA** Void

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 19.06.2020 Version number 5 Revision: 19.06.2020

Trade name: MERPOXEN SML 200 QL

(Contd. of page 5)

· **UN proper shipping name** · **ADR, ADN, IMDG, IATA**	Void
· **Transport hazard class(es)** · **ADR, ADN, IMDG, IATA** · **Class**	Void
· **Packing group** · **ADR, IMDG, IATA**	Void
· **Environmental hazards:** · **Marine pollutant:**	No
· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	Void

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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
This Product is classified as not dangerous for the purpose of the relevant directives and therefore does not require labelling. Nevertheless we recommend to be careful with the material as you used to be with other chemicals.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Safety and Health group
· **Contact:** Dr. Astrid Kawka, Dr. Dieter Kawka
· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
· *** Data compared to the previous version altered.**