

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 24.02.2021

Version number 6

Revision: 13.11.2020

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

- **Product identifier**
- **Trade name:** **WALLASOL DIO 60 PG**
- **Article number:** 511021, 611021
- **UFI:** Q520-U00Y-100F-CHQ9
- **Relevant identified uses of the substance or mixture and uses advised against .**
- **Sector of Use**
  - SU0-1 Other activity related to manufacturing of chemical products
  - SU2a Mining, (without offshore industries)
  - SU2b Offshore industries
  - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
  - SU4 Manufacture of food products
  - SU5 Manufacture of textiles, leather, fur
  - SU8 Manufacture of bulk, large scale chemicals (including petroleum products)
  - SU9 Manufacture of fine chemicals
  - SU10 Formulation [mixing] of preparations and/or re-packaging (excluding alloys)
  - SU12 Manufacture of plastics products, including compounding and conversion
  - SU21 Consumer uses: Private households / general public / consumers
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
  - SU23 Electricity, steam, gas water supply and sewage treatment
- **Product category**
  - PC9a Coatings and paints, thinners, paint removers
  - PC9b Fillers, putties, plasters, modelling clay
  - PC9c Finger paints
  - PC18 Ink and toners
- **Process category**
  - PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
  - PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
  - PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
  - PROC4 Chemical production where opportunity for exposure arises
  - PROC5 Mixing or blending in batch processes
  - PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
  - PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
  - PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
- **Environmental release category**
  - ERC1 Manufacture of the substance
  - ERC6a Use of intermediate
- **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](mailto: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

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### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **(Hazard-determining) components of labelling:**  
Diisooctyl sulfosuccinate, Na-Salt  
propylene glycol
- **Hazard statements**  
H315 Causes skin irritation.  
H318 Causes serious eye damage.
- **Precautionary statements**  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture: consisting of the following components.

- **(Dangerous) components:**

CAS: 577-11-7 EINECS: 209-406-4 Reg.nr.: 01-2119491296-29	Diisooctyl sulfosuccinate, Na-Salt ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	Content 60-80%
CAS: 57-55-6 EINECS: 200-338-0 Reg.nr.: 01-2119456809-23	propylene glycol	Content 20-40%

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- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

#### 4 First aid measures

- **Description of first aid measures**
- **After inhalation:**  
In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Organic decomposition products  
Carbon oxides (CO<sub>x</sub>)  
Sulphur oxides (SO<sub>x</sub>)
- **Advice for firefighters**
- **Protective equipment:** Use suitable breathing apparatus if necessary.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Particular danger of slipping on leaked/spilled product.  
Avoid contact with the eyes and skin.
- **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).  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.  
Wear protective clothing.  
Do not eat, drink or smoke in working area.
- **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:**

- **DNELs**

### 577-11-7 Diisooctyl sulfosuccinate, Na-Salt

Oral	DNEL (Long-term, systemic effects)	18.8 mg/kg/d (consumer)
Dermal	DNEL (Long-term, systemic effects)	31.3 mg/kg/d (worker)
		18.8 mg/kg/d (consumer)
Inhalative	DNEL (Long-term, systemic effects)	44.1 mg/m <sup>3</sup> (worker)
		13 mg/m <sup>3</sup> (consumer)

### 57-55-6 propylene glycol

Oral	DNEL (Long-term, systemic effects)	85 mg/kg/d (consumer)
Dermal	DNEL (Long-term, systemic effects)	213 mg/kg/d (consumer)
Inhalative	DNEL (Long-term, systemic effects)	168 mg/m <sup>3</sup> (worker)
		50 mg/m <sup>3</sup> (consumer)
	DNEL (Long-term, local effects)	10 mg/m <sup>3</sup> (worker)
		10 mg/m <sup>3</sup> (consumer)

- **PNECs**

### 577-11-7 Diisooctyl sulfosuccinate, Na-Salt

PNEC	0.0066 mg/l (fresh water)
	0.00066 mg/l (seawater)
	0.066 mg/l (water (intermittent release))
PNEC	0.653 mg/kg (Sediment (Süßwasser))
	0.0653 mg/kg (sediment)

### 57-55-6 propylene glycol

PNEC	260 mg/l (fresh water)
	26 mg/l (seawater)
	183 mg/l (water (intermittent release))
	20,000 mg/l (wastewater treatment plant)

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PNEC	572 mg/kg (Sediment (Süßwasser))
	57.2 mg/kg (sediment)
	50 mg/kg (soil)

- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.  
 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:**  
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
 e.g. Nitrile rubber, NBR  
 Recommended thickness of the material:  $\geq 0.5$  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:	light yellow - clear
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value (10 g/l) at 20 °C:** 5.0 - 6.5
- **Change in condition**

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
- **Flash point:** Undetermined.
- **Flammability (solid, gas):** Not applicable.

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· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	ca. 1.0 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Soluble.
· <b>Partition coefficient: n-octanol/water:</b>	Product is an emulsifier.
· <b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	ca. 140 mPas
<b>Kinematic:</b>	Not determined.
· <b>Other information</b>	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:**  
The classification was carried out according to the calculation method described in section 3.1.3.6.1, Annex 1 of the VO1272/2008

Oral	LD50	>2000 mg/kg (--)
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- **Primary irritant effect:**
- **Skin corrosion/irritation**  
This statement was deduced from products with a similar structure or composition.  
Causes skin irritation.
- **Serious eye damage/irritation**  
This statement was deduced from products with a similar structure or composition.  
Causes serious eye damage.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** no data

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- **Carcinogenicity** no data
- **Reproductive toxicity** no data
- **STOT-single exposure** no data
- **STOT-repeated exposure** no data
- **Aspiration hazard** no data

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**

This statement was deduced from products with a similar structure or composition.

EC50	> 10 - ≤ 100 mg/l (alga)
	> 1 - ≤ 10 mg/l (daphne)
LC50	> 10 - ≤ 100 mg/l (fish)

- **Persistence and degradability**

These surfactants comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

readily biodegradable

Degradation rate >70% Time (d) 28 days Method OECD 301D (CAS: 577-11-7)

Degradation rate >80% Time (d) 28 days Method OECD 301F (CAS: 57-55-6)

- **Other information:**

This statement was deduced from products with a similar structure or composition.

- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- **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.

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#### 14 Transport information

· UN-Number	Void
· ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	Void
· ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	Void
· ADR, ADN, IMDG, IATA	Void
· Class	Void
· Packing group	Void
· ADR, IMDG, IATA	Void
· Environmental hazards:	No
· 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

#### 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

· **Directive 2012/18/EU**  
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has 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.

· **Relevant phrases**

H315 Causes skin irritation.  
H318 Causes serious eye damage.

· **Department issuing SDS:** Safety and Health group

· **Contact:** Dr. Astrid Kawka, Dr. Dieter Kawka

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

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PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1

· \* **Data compared to the previous version altered.**

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