

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.04.2021

Version number 7

Revision: 22.04.2021

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

- **Product identifier**
- **Trade name: WALLISAP AT 50**
- **Article number:** 511030
- **UFI:** HG70-60TK-1004-DPU9
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Product category**
 - PC9a Coatings and paints, thinners, paint removers
 - PC9b Fillers, putties, plasters, modelling clay
 - PC18 Ink and toners
 - PC32 Polymer preparations and compounds
 - PC35 Washing and cleaning products (including solvent based products)
 - PC12 Fertilisers
 - PC27 Plant protection products
 - PC39 Cosmetics, personal care products
 - PC28 Perfumes, fragrances
- **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)
 - PROC14 Tableting, compression, extrusion, pelletisation, granulation
 - PROC15 Use as laboratory reagent
 - PROC21 Low energy manipulation and handling of substances bound in/on materials or articles
 - PROC24 High (mechanical) energy work-up of substances bound in /on materials and/or articles
 - PROC7 Industrial spraying
 - PROC10 Roller application or brushing
 - PROC13 Treatment of articles by dipping and pouring
 - PROC11 Non industrial spraying
 - PROC19 Manual activities involving hand contact
- **Environmental release category**
 - ERC1 Manufacture of the substance
 - ERC2 Formulation into mixture
 - ERC5 Use at industrial site leading to inclusion into/onto article
 - ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
 - ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
 - ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
- **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

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Giftinformationszentrum Nord 24h-information: +49 551 19240

2 Hazards identification

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



GHS05 corrosion

Skin Corr. 1C H314 Causes severe skin burns and eye damage.
 Eye Dam. 1 H318 Causes serious eye damage.
 Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **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:**
 Dodecylbenzene sulfonate, Triethanolamine-salt
- **Hazard statements**
 H314 Causes severe skin burns and eye damage.
 H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 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.
 P310 Immediately call a POISON CENTER/doctor.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** aqueous solution

- **(Dangerous) components:**

CAS: 121617-08-1 EC number: 939-464-2 Reg.nr.: 01-2119971970-28 (EC939-464-2)	Dodecylbenzene sulfonate, Triethanolamine-salt Alternative CAS number: 68584-25-8  Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Chronic 3, H412	50-100%
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Additional information:

CAS: 68584-25-8 (EC: 271-532-0)

Substance name (other) / REACH:

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine

EC: 939-464-2 / CAS: 121617-08-1

Specific concentration limit: Skin Corr. 1C: ≥ 50 - $\leq 100\%$; Skin Irrit. 2: ≥ 1 - $< 50\%$

For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

Description of first aid measures

- **General information:** Immediately remove any clothing soiled by the product.

- **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:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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 (CO_x)Sulphur oxides (SO_x)Nitrogen oxides (NO_x)

- **Advice for firefighters**

- **Protective equipment:** Use suitable breathing apparatus if necessary.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

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.

Inform respective authorities in case of seepage into water course or sewage system.

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- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to item 13.
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.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Open and handle receptacle with care.
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:** Keep container tightly sealed.
- **Storage class:** Combustible, corrosive hazardous substance
- **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:**
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:**
Use suitable respiratory protective device only when aerosol or mist is formed.
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

- **Material of gloves**
e.g. Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.5 mm

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- **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:	Liquid
Colour:	Light yellow
Odour:	Characteristic
Odour threshold:	Not determined.

- **pH-value (100 g/l) at 20 °C:** 6.5 - 8.5

- **Change in condition**

Melting point/freezing point:	~5 °C
Initial boiling point and boiling range:	Undetermined.

- **Flash point:** Undetermined.

- **Flammability (solid, gas):** Not applicable.

- **Decomposition temperature:** Not determined.

- **Auto-ignition temperature:** Product is not selfigniting.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapour pressure:** Not determined.

- **Density at 20 °C:** 1.07 g/cm³

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with water:**

Fully miscible.

- **Partition coefficient: n-octanol/water:** Product is an emulsifier.

- **Viscosity:**

Dynamic at 20 °C:	2,000 mPas
Kinematic:	Not determined.

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** Product is stable under normal ambient conditions.

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- **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	>5000 mg/kg (--)
Dermal	LD50	>2000 mg/kg (rat)

121617-08-1 Dodecylbenzene sulfonate, Triethanolamine-salt

Oral	LD50	2925 mg/kg (rat) (OECD401 (REACH-Dossier; Value used for CSA))
Dermal	LD50	>2000 mg/kg (--) (OECD402 (REACH-Dossier; Value used for CSA))

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**
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
- **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:**

121617-08-1 Dodecylbenzene sulfonate, Triethanolamine-salt

LC50	>1 mg/l (fish) (REACH dossier)
chronic NOEC / ECx	>0.1-≤1 mg/l (fish)

- **Persistence and degradability**
readily biodegradable
Degradation rate >80% Time (d) 28 days Method OECD 303A
- **Other information:** Literature
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

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- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): 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

- | | |
|---|--|
| <ul style="list-style-type: none"> · UN-Number · ADR, IMDG, IATA | UN1760 |
| <ul style="list-style-type: none"> · UN proper shipping name · ADR · IMDG, IATA | 1760 CORROSIVE LIQUID, N.O.S.
(Dodecylbenzene sulfonate, Triethanolamine-salt)
CORROSIVE LIQUID, N.O.S. (Dodecylbenzene sulfonate, Triethanolamine-salt) |
| <ul style="list-style-type: none"> · Transport hazard class(es) · ADR, IMDG, IATA | <div style="text-align: center;">  </div> |
| <ul style="list-style-type: none"> · Class · Label | 8 Corrosive substances.
8 |
| <ul style="list-style-type: none"> · Packing group · ADR, IMDG, IATA | III |
| <ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category · Stowage Code | Warning: Corrosive substances.
80
F-A S-B
A
SW2 Clear of living quarters. |

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· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1760 CORROSIVE LIQUID, N.O.S. (DODECYLBENZENE SULFONATE, TRIETHANOLAMINE-SALT), 8, III

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
- **Chemical safety assessment:**
Chemical safety assessments for substances in this mixture, that are subject to registration:
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**
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
- **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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

EU