

Safety Data Sheet

E. u. P. Würtz GmbH & Co. KG

according to 1907/2006 EU and 1272/2008 EU ("GHS")

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Date of Print / Revision: 3-Nov-2021
Version: 02
Product: PAT®-76/LD2

1.0 PRODUCT NAME AND SUPPLIER:

Trade Name: PAT®-76/LD2
Use Conditions: Emulsifier- and Dispersing Agent-Preparation for industrial applications for the processing of plastics, in car manufacture and in construction by trained staff
Application Domains: When revising this safety data sheet no indication existed referring to restrictions of the ingredients with respect to certain applications. Identified sectors of end-use: e.g. SU3 (industrial uses) and SU21 (consumer uses); identified product categories: e.g. PC35 (cleaning products); identified process categories: e.g. PROC1 (closed processes), PROC5 (mixtures), PROC7 (industrial spraying), PROC8a/8b/9 (transfer into small containers), PROC10 (application by roller or brushing) and PROC13 (dipping and pouring); identified environmental release categories: e.g. ERC1, ERC2, ERC4, ERC6a, ERC8a and ERC8d.
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2.0 HAZARDS IDENTIFICATION:

Labelling and Classification according to Directive EU No. 1272 / 2008 (CLP)
This product does not require labeling according to directive 1272/2008 (EU).

3.0 COMPOSITION / CHEMICAL DESCRIPTION:

Chemical Description: Aqueous formulation of emulsifiers and dispersing agents (Solvent-free)
Hazardous Ingredients: Description: Polyalkylenebenzene-sulphonic Acids
CAS-No.: 85536-14-7
REACH-No.: 01-2119490234-40-xxxx
Concentration: < 1 %



GHS-Labels: (GHS05) (GHS07)
Code: DANGER
Hazard Indications: H 302 Harmful if swallowed
H 314 Causes severe skin burns and eye damage
H 412 Harmful to aquatic life with long lasting effects
Safety Statements (prevention): P 264 Wash thoroughly with plenty of water and soap after handling.
P 270 Do not eat, drink or smoke when using this product.
P 280 Wear protective gloves/protective clothing/eye protection/face protection
P 281 Use personal protective equipment as required.
Safety Statements (response): P 310 Immediately call a POISON CENTER or doctor / physician.
P 301+P 330+P 331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P 304+P 340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Safety Statements (storage): P 405 Store locked up.
Safety Statements (disposal): P 501 Dispose of contents/container to a waste treatment plant
Hazard determining Component(s): Polyalkylenebenzene-sulphonic Acids
Classification: Toxicity (oral) Category 4 H 302
Skin / Eye damage Category 1 H 314
Chr. aquatic tox. Category 3 H 412

4.0 FIRST AID MEASURES:

General Recommendations: In case of contamination move away from product and take off immediately all contaminated clothing.
Inhalation: In case of irritation, move to fresh air. If irritation persists, get medical attention.
Skin contact: Wash off properly with water and soap. If skin irritation persists, get medical attention.
Eye contact: Flush with large amounts of water for at least 15 minutes, keeping eyelids open. Get medical attention.
Ingestion: Immediately clean mouth thoroughly with water and drink plenty of water. Do NOT induce vomiting. Consult medical doctor.
Specific Hazards / Effects: May enter the lungs after ingestion and/or vomiting.
Further information: Treatment of symptoms and supportive therapy as indicated (decontamination, vital functions). Specific antidote: unknown.

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5.0 FIRE FIGHTING MEASURES:

Extinguishing Media: CO₂, dry chemical, foam
Unsuitable Extinguishing Media: none
Specific Hazards: none known
Hazardous Combustion Products: The typical combustion products like carbon-monoxide (CO) and carbon-dioxide (CO₂) may occur. In contact with air, vapors may form explosive mixtures.
Special Equipment: Wear suitable respiratory equipment and fire-proof clothing.
Further Information: Cool down containers close to fire by spraying water to the hull. Collect used extinguishing media and dispose of according to section 13.0.

6.0 ACCIDENTAL RELEASE MEASURES:

Personal Procedures: Safeguard scene of accident / leakage / spill. Wear personal protective equipment. Avoid contact with skin and eyes.
Environmental Procedures: Do not dispose of to drains, sewers or public waterways. Notify authorities in case of soil contamination.
Spill and Leak Procedures: Spills should be taken up mechanically with suitable absorbent and placed in suitable containers.
Further Information: Dispose of contaminated product according to section 13.0.

7.0 HANDLING AND STORAGE:

General Recommendations: The hygiene and safety procedures typical of working with chemicals should be followed. Avoid contact with skin and eyes. Safeguard scene of accident / leakage / spill. Do not smoke.
Hygiene Procedures: Keep away from food stuffs, drinks and feed stuffs. Prior to pauses and after work thoroughly wash your hands. Do not smoke.
Protection against Explosion: Storage class: 12 (non-flammable liquids).
Co-storage Information: Do not store together with strong alkaline products.
Further Information on storage conditions: Keep away from frost, in a dry place. Follow storage-directives for corrosive and water endangering products.
Further Information: Keep container well sealed.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION:

Information on equipment: see section 7.
Maximum Exposure Limits (Polyalkylenebenzene-sulphonic Acids): DNEL (workers, dermal contact, chronic effects): 170 mg/kg
DNEL (workers, breathing, chronic effects): 12 mg/m³
PNEC (sweet water): 0,287 mg/l
PNEC (sea water): 0,287 mg/l
PNEC (sweet water-sediment): 0,287 mg/kg
PNEC (sea water-sediment): 0,287 mg/kg
PNEC (ground): 35 mg/kg
General Hygiene and Protection Measures: Do not eat, drink or smoke during work. Keep away from food stuffs, drinks and feed stuffs. Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Wash hands thoroughly before pauses and after work.
Respiratory Equipment: Wear mask with filter type A-P2 according to EN 14387; during intensive prolonged exposition, wear suitable respiratory equipment.
Skin Protection: Wear suitable dissipative and chemically resistant gloves according to EN 388, EN 1149-1 and EN 1149-2 in conjunction with EN 374.
Eye Protection: Wear safety glasses with side shields (f.i. according to EN 166)
Body Protection: Wear antistatic shoes according to EN 20345, apron, suitable protective clothing
Further Information: It is recommended to install an automatic eye-flush-system close to the working place.
The personal protection equipment should match the actual working conditions in terms of its design and features. Due to the abundance of protective equipment / materials details on behalf of the personal protection equipment should be discussed with the suppliers of this equipment.

9.0 PHYSICAL AND CHEMICAL PROPERTIES:

Appearance / Color / Odor: Liquid - Paste / colorless - yellow / typical
Flashpoint: > 100 °C (DIN 51755)
Vapor Pressure: ≤ 10⁻⁵ hPa at 20 °C (Literature)
Density: ca. 1 kg/L
Solubility in water: miscible

10.0 STABILITY AND REACTIVITY:

Stability: Stable in normal use.
Incompatibilities: Sparks, flames, heat. Alkaline products.
Hazardous Reactions: None known in normal industrial use.
Hazardous Decomposition Products: None known in normal industrial use. In case of combustion carbon-monoxide (CO) and carbon-dioxide (CO₂) may be generated.

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11.0 TOXICOLOGICAL INFORMATION:

All data have been derived of the ingredients' or similar products' data.

Toxicity (oral):	LD ₅₀ :	> 2.000mg/kg (rat, male)
Irritation:	Eyes:	not irritant
	Skin:	not irritant
	Inhalation:	not irritant
Sensitization:		Not known.
Further Information:		None.

12. ECOLOGICAL INFORMATION:

All data stem from results obtained for the ingredients or comparable products.

Biologic Degradation:	All ingredients are biodegraded.
Bioaccumulation:	Not to be expected.
Fish-Toxicity:	LC ₅₀ : > 10 mg/l

13. DISPOSAL CONSIDERATIONS:

Product:	Waste disposal should be in accordance with existing Community, National and local regulations. Recommended: Incineration. Do not release to (public) waterways / drains. Do not release together with regular waste.
EAK-Number:	The classification has to be made according to the EAK-directive with respect to the area and process of application.
Empty container:	Recycling should be preferred over disposal. The disposal of empty containers must be in accordance with the requirements for the disposal of the product.

14. TRANSPORT INFORMATION:

No dangerous good

15. REGULATORY INFORMATION:

National Laws (Germany):	
Limitations of Employment:	Follow JarbSchG and Mutterschutzrichtlinienverordnung (youth employment and pregnancy restrictions)
Water-contaminating class (D, A, CH):	WGK 1 (slightly hazardous to water) (VwVWS 17.05.1999)

16. OTHER INFORMATION :

All ingredients are TSCA- and EINECS-listed or exempted. We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use. Such data is furnished solely for your consideration, investigation and verification. It is the obligation of the user to ensure that all legal requirements are fulfilled when this product is used.