Safety Data Sheet

WK Polymer EXTRA – pursuant to Regulation (EC) No 1907/2006 (REACH), Annex II

Issue: 17 October 2026

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

1.1 Product identifier

Trade name: WK Polymer EXTRA.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Cleaning agent (PC 35). No further specific restrictions on use are identified in the available documentation.

1.3 Details of the supplier of the safety data sheet

Wandelkraft Chemie GmbH · Eichelsweg 6 · 64367 Mühltal · Germany
Telephone: +49 171 3560169 · Email: office@wandelkraft24.com

1.4 Emergency telephone number

+49 171 3560169

SECTION 2: Hazards identification

2.1 Classification of the mixture

The mixture is not classified as hazardous under Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

EUH210: Safety data sheet available on request.

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hydrocarbons C12–C15, n-/isoalkanes and cyclic compounds, < 2 % aromatics	**EC 920-107-4 · REACH 01-2119453414-43-XXXX · ≥ 1 to < 5 wt % · Asp. Tox. 1, H304**
Hydrocarbons C13–C16, n-/isoalkanes and cyclic compounds, < 0.03 % aromatics	EC 934-954-2 · CAS 1174522-45-2 · REACH 01-2119826592-36-XXXX · ≥ 1 to < 5 wt % · Asp. Tox. 1, H304

The full text of H304 is given in Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General	Seek medical advice in case of discomfort or uncertainty. Never give anything by mouth to an unconscious person or a person having

	convulsions.
Inhalation	Move the affected person to fresh air. Keep warm and at rest.
Skin contact	Wash affected skin immediately with water and soap. Apply a moisturising or replenishing skin cream if necessary.
Eye contact	Rinse eyes with running water for 10–15 minutes, keeping eyelids open; protect the unaffected eye and obtain advice from an ophthalmologist.
Ingestion	Rinse mouth thoroughly; give one glass of water in small sips if the person is fully conscious and able to swallow. Do not induce vomiting. Seek medical assistance immediately.

4.2 Most important symptoms and effects, both acute and delayed

Repeated contact may remove natural oils from the skin (see Section 11).

4.3 Indication of any immediate medical attention and special treatment needed

None specified.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable: water, foam, dry extinguishing powder, carbon dioxide, sand, nitrogen or fire blanket. Unsuitable: full water jet. Adapt firefighting measures to the surrounding conditions.

5.2 Special hazards arising from the mixture

Carbon monoxide and carbon dioxide may be released in a fire.

5.3 Advice for firefighters

Use self-contained breathing apparatus when fighting a fire.

5.4 Additional information

Cool exposed containers with water spray. If safe to do so, remove intact containers from the danger zone. Collect contaminated firefighting water separately; prevent release to drains and waterways. Fire may spread.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Spilled product presents a slipping hazard. Wear appropriate personal protective equipment.

6.2 Environmental precautions

Prevent entry into drains, surface waters, soil and subsoil.

6.3 Methods and material for containment and cleaning up

Promptly absorb released liquid with suitable absorbent material such as nonwoven cloths or wipes. Clean affected surfaces in compliance with environmental requirements. Dispose of collected material according to Section 13.

6.4 Reference to other sections

Section 7: handling; Section 8: personal protective equipment; Section 13: disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Close containers securely after use. The cleaner is ready for use at room temperature and must not be heated.

7.2 Conditions for safe storage, including any incompatibilities

Store only in the original container and protect from freezing. Storage class under German TRGS 510: 10.

7.3 Specific end use(s)

Follow the product instructions and technical data sheet. The product can be used manually or by immersion; do not heat.

Before use, perform a suitable compatibility test on the substrate, for example on a small inconspicuous area.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Calculated RCP occupational exposure limit (German TRGS 900): 300 mg/m³. Content of aliphatic hydrocarbons C6–C14 and aromatic hydrocarbons C9–C14: > 4 to ≤ 5 %. German limit; national limits applicable at the workplace must also be considered.

8.2 Exposure controls

Eye/face protection	**Wear safety glasses complying with EN 166 where splashing is possible.**
Hand protection	Chemical-resistant gloves according to EN 374: nitrile rubber (NBR), thickness 0.4 mm, stated breakthrough time 480 minutes. Confirm suitability and actual wear time for the specific use with the glove supplier.
Respiratory protection	If applicable exposure limits are exceeded, respiratory protection with combined filter type A-P2 is indicated.
Hygiene	Avoid skin and eye contact and contamination of clothing. Do not eat, drink or smoke while working. Wash contaminated clothing before reuse and wash hands after use. Do not carry product-soaked cloths in clothing pockets.

During use, contact with contaminants or other substances may produce mixtures whose hazards differ from those of the unused cleaner. Select personal protective equipment according to actual conditions of use and the workplace risk assessment, taking the measures specified here as a basis.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state / colour	**liquid / colourless to pale yellow**
Odour	sweetish, wax-like
Melting/freezing point	< −18 °C (1013 hPa)
Initial boiling point	≥ 200 °C (1013 hPa)
Flash point	91.5 °C (DIN EN ISO 13736)
Auto-ignition temperature	≥ 194 °C
Flammability	not classified as a flammable liquid under CLP
Explosion limits	lower 0.6 vol %, upper 20 vol %
Vapour pressure	< 10 hPa at 20 °C (calculated)
Density	approximately 0.89 g/cm³ at 20 °C

Water solubility	does not form a homogeneous mixture
pH	not applicable
Kinematic viscosity	< 30 mm²/s at 20 °C
Relative vapour density	not determined
Solvent separation test	not applicable
Maximum VOC content (EU)	19 wt %
Maximum VOC content (Switzerland)	71 wt %
VOC content subject to levy (Switzerland)	52 wt %

9.2 Other information

Technical terms explained in plain language:

Combustibility	Whether a substance can burn under defined conditions.
Flammability	How readily a substance ignites under specific conditions; the flash point is particularly relevant for liquids.
Flash point	The lowest temperature at which a liquid releases sufficient vapour to ignite briefly when exposed to an ignition source under standard test conditions.
Auto-ignition temperature	The temperature at which a substance may ignite under specified test conditions without an external flame or spark.
Boiling point	The temperature at which a liquid begins boiling at a specified pressure.
Vapour pressure	A simple measure of how readily a liquid enters the vapour phase.
Sustained combustion	Whether an ignited liquid continues burning after the ignition source is removed.

SECTION 10: Stability and reactivity

10.1 Reactivity

The mixture is not considered reactive under normal conditions of use.

10.2 Chemical stability

Stable under the intended storage, handling and temperature conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Do not heat the product. No other specific conditions to avoid are known.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

None known under intended conditions of use; see Section 5 for combustion products.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: Estimated acute toxicity (ATE) values for oral and dermal exposure exceed 2,000 mg/kg body weight; for inhalation, the reported value exceeds 20 mg/l.

Other toxicological effects: No further relevant information is available for skin and eye irritation, sensitisation, carcinogenicity, mutagenicity, reproductive toxicity or specific target organ toxicity.

Aspiration hazard: On the basis of the available information, the classification criteria are not met.

11.2 Information on other hazards

According to the available information, the mixture contains no constituents meeting the applicable criteria for endocrine disruption in humans. Toxicokinetic data for the mixture as a whole are not available. Prolonged or repeated skin contact may cause defatting and irritation. The information is derived from data on individual ingredients; the mixture has not been tested separately.

SECTION 12: Ecological information

12.1 Toxicity

The following test results are available for the hydrocarbon fractions contained in the product:

Fish toxicity (rainbow trout): LL50 > 1,000 mg/l, 96 h, OECD 203.

Aquatic invertebrate toxicity (Daphnia magna): EL50 > 1,000 mg/l, 48 h, OECD 202.

These results refer to the C12–C15 and C13–C16 hydrocarbon fractions, not to a separate test of the finished mixture.

12.2 Persistence and degradability

The hydrocarbon fractions tested are readily biodegradable according to the reported OECD test criteria.

C12–C15 hydrocarbons: 71 % biodegradation within 28 days, OECD 301F.

C13–C16 hydrocarbons: 74 % biodegradation within 28 days, OECD 306.

According to the available formulation information, the product contains no adsorbable organically bound halogens (AOX).

12.3 Bioaccumulative potential

No evidence of bioaccumulative potential is available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

According to the available information, none of the constituents meets the criteria for PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) under REACH Annex XIII.

12.6 Endocrine disrupting properties

According to the available information, the mixture contains no substances meeting the relevant criteria for endocrine disruption in non-target organisms.

12.7 Other adverse effects

No other adverse effects are known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommended code for unused product under the European List of Waste: 20 01 30 (detergents other than those mentioned in 20 01 29). Send product residues and containers to authorised recovery or disposal facilities in accordance with applicable requirements. Empty containers completely; reuse may be possible after appropriate cleaning. Treat uncleaned contaminated packaging as the product.

13.2 Additional information

The final waste code depends on the origin, application and contamination of the waste and must be determined for the relevant operation.

SECTION 14: Transport information

WK Polymer EXTRA is not classified as dangerous goods under the stated requirements for road, rail, sea or air transport.

14.1 UN number or ID number

Not applicable due to non-dangerous-goods classification.

14.2 UN proper shipping name

Not applicable due to non-dangerous-goods classification.

14.3 Transport hazard class(es)

Not applicable due to non-dangerous-goods classification.

14.4 Packing group

Not applicable due to non-dangerous-goods classification.

14.5 Environmental hazards

Not applicable under the reported transport classification.

14.6 Special precautions for user

No special requirements reported.

14.7 Maritime transport in bulk according to IMO instruments

Not intended for carriage in bulk under the IBC Code.

SECTION 15: Regulatory information

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

Ingredient declaration under Regulation (EC) No 648/2004: 5–15 % aliphatic hydrocarbons; < 5 % non-ionic surfactants. German water hazard class (AwSV): WGK 1 (slightly hazardous to water). Not classified as a flammable liquid under the German Industrial Safety and Health Ordinance. National rules of the country of use must be considered.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the mixture.

SECTION 16: Other information

16.1 Revision information

Wandelkraft issue dated 17 October 2026, replacing the 2025 edition.

16.2 Abbreviations

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road; AOX: adsorbable organically bound halogens; AwSV: German Ordinance on Facilities Handling Substances Hazardous to Water; CAS: Chemical Abstracts Service; CLP: Classification, Labelling and Packaging; ECHA: European Chemicals Agency; PBT: persistent, bioaccumulative and toxic; REACH: Regulation (EC) No 1907/2006; TRGS: German Technical Rules for Hazardous Substances; VOC: volatile organic compounds; vPvB: very persistent and very bioaccumulative; WGK: German water hazard class.

16.3 Sources of information

Safety data sheet for WK Polymer EXTRA, current version made available by Wandelkraft Chemie GmbH.

Additional source: current technical data sheet of Wandelkraft Chemie GmbH.

16.4 Classification and evaluation method

The mixture is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008 (CLP).

16.5 Full text of hazard and supplemental statements

H304: May be fatal if swallowed and enters airways. EUH210: Safety data sheet available on request.

16.6 Training advice

Training and application instruction by Wandelkraft Chemie GmbH are recommended.

16.7 Additional information

The information describes safe handling of the mixture and does not constitute a warranty of specific product properties. Mixing or processing the product with other materials may affect the applicability of individual statements.