WACKER

Regulatory Product Information

WACKER® AK 12 500 SILICONE FLUID

RoHS (Restriction of Hazardous Substances)

None of the substances mentioned in Directive 2011/65/EU (RoHS), including subsequent amendments e.g. Directive 2015/863/EU, are intentionally introduced. Therefore they are not expected to be present in amounts exceeding the defined limit values.

WEEE (Waste of Electrical and Electronic Equipment)

None of the substances mentioned in Directive 2012/19/EU (WEEE) are intentionally introduced during manufacture. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

Heavy Metals

- Regulation (EU) 2025/40 (Packaging and packaging waste)
- CONEG (Coalition of Northeastern Governors)
- Directive 2000/53/EC (End-of life vehicles)

None of the substances concerned (lead, chromium VI, cadmium, mercury) are intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

REACH SVHC (Substances of Very High Concern)

Please see Safety Data Sheet.

Allergens

- Regulation (EU) No 1169/2011, substances listed in Annex II.
- Substances listed in the Food Allergen Labeling and Consumer Protection Act (FALCPA)
- Latex
- Fragrances

The substance(s) mentioned above are not intentionally used in the manufacture or the formulation of this product.

GMO (Genetically Modified Organisms)

Product is not derived from genetically modified organisms and for its manufacture no intermediates and/or auxiliary agents which are genetically modified are used.

BSE/TSE

The product is not derived from human or animal origin and for its manufacture no intermediates and/or auxiliary agents which are of human or animal origin are used.

Food Contact Regulations

Europe

- Regulation (EC) No 1935/2004

Provided appropriate processing, the product is suitable for the manufacture of food contact materials and articles according to this Regulation. Compliance with the requirements of Regulation (EC) No 1935/2004, especially the suitability of the material or article for the intended use, the observance of any given limitations, the effect on taste and smell of the food has to be ensured by the producer of the finished food contact material or article as it is placed on the market.

- Regulation (EC) No 2023/2006

Not applicable. This product is considered as a starting material and therefore out of the scope of this Regulation.

- Regulation (EU) No 10/2011

The product is listed as an additive in the positive list of Regulation (EU) No 10/2011 and amendments (superseding Directive 2002/72/EC). The product is listed under its chemical name Polydimethylsiloxane (ref.-No. 76721) and complies with the specifications under column (4) and (10). It is not subject to a specific migration limit (SML). Dimethylpolysiloxane is approved as food additive under E 900, therefore the product formally meets the definition of a dual use substance. However, the product is not recommended for this use and should not be used as food additive. In addition, Dimethylpolysiloxane is mainly used as a processing aid and does not have a technological effect in food. Based on an evaluation of the intended use and reasonably foreseeable conditions, the product is considered compliant with Regulation (EU) No. 2025/351. Please refer to the Silicones Europe paper attached for detained information.

Germany

The product complies with the positive lists of the following Recommendation(s) of the BfR:

- XIV. Plastic Dispersions
- XV. Silicones
- XXXVI. Paper and Board
- XXXVI/2. Paper and Board for baking purposes

Switzerland

- Swiss Ordinance SR 817.023.21

The product is listed under its chemical name in annexes 2, 9 and 10 as a fully evaluated substance.

USA

A food contact statement can be provided separately upon request.

Japan

- Food Sanitation Act Article 18(3), Positive List System

The ingredient is listed in the Positive List Table 2 Additives with serial No. 108(2). The use limit by polymer group is given as the amount of the substance that a business operator specifies, on its own responsibility, for substance(s) classified in the corresponding polymer group in Table 1 (Base materials) when producing a synthetic resin. The amount should be the minimum level required to exhibit the intended effect.

Brazil/Mercosur States

- Resolution GMC N° 34/25

The Polydimethylsiloxane contained in the product is listed and meets the requirements and specifications.

- RDC 1020/2026

Polydimethylsiloxane is listed and meets the requirements and specifications in reference to IN Nº 435/2026.

China

- Standard GB 4806.1-2016 General safety requirements

The product meets all applicable requirements of this Standard insofar as it is not classified as hazardous to human health according to the European classification and labelling requirements.

- Standard GB 4806.16-2025

The product is listed in Table A.2 under its chemical name and complies with the specifications. It is not subject to a specific migration limit (SML).

China

- Standard GB 9685-2016

Annex 1 - Plastics	Dosage as necessary:		PE, PP, PS, AS, ABS, PC, PVC, PVDC
Annex 1 - Plastics	Maximum level	2.0 %	POM, PA
Annex 1 - Plastics	Maximum level	0.3 %	PET
Annex 2 - Coatings	Dosage as necessary		
Annex 3 - Rubber	Dosage as necessary		
Annex 4 - Inks	Maximum level	1.0 %	
Annex 5 - Adhesives	Dosage as necessary		
Annex 6 - Paper and Paperboard	Dosage as necessary		

Regulatory sanctioning of the ingredients in a product does not imply that the finished product manufactured from those ingredients is considered safe for contact with food by regulatory bodies. The responsibility for compliance of the finished article and any testing requirements relating to migration, extraction or volatile limits resides with the manufacturer of the finished product.

Toy Regulations

- DIN EN 71-3

Substances mentioned in DIN EN 71-3:2019, table 2 are not intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

- Chlorinated paraffins including SCCP, MCCP

Substances mentioned in DIN EN 71-9:2007, tables 2A – 2I are not intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

- CPSIA (Consumer Product Safety Improvement Act) of 2008

None of the substances concerned (lead, phthalates) are intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

Substances

- PAH (Polycyclic aromatic hydrocarbons)
- DMF (Dimethylfumarate)
- APEO (Alkylphenol ethoxylates)
- Phthalates
- Azo compounds
- PCDD/PCDF (Polychlorinated dibenzodioxins and dibenzofurans)
- Asbestos
- Melamine
- Bisphenols, their derivatives and salts according to Regulation (EU) 2024/3190
- Radioactive substances
- POP (Persistent organic pollutants) as defined in Regulation (EU) 2019/1021 (Stockholm Convention)
- Conflict minerals as defined in section 1502(e)(4) of H.R. 4173, of the Wall Street Reform and Consumer Protection Act
- ODS (Ozone Depleting Substances) as mentioned in Regulation (EU) 2024/590
- SCCP (Short-chain chlorinated paraffins)
- PVC (Polyvinyl chloride)
- PFAS (Fluorinated compounds including per- or polyfluorinated substances)

The substances mentioned above are not intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

Irradiation

Product does not undergo any form of radiation treatment.

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Chemical Inventory Status

See Safety Data Sheet.

Certificates

Available Certificates can be downloaded via
https://www.wacker.com/cms/de/wacker_group/wacker_facts/ims/certificates/certificates.jsp

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