



BMC S.r.l.

Via Roslè 115- 40059- Medicina- BO- Italy
Mail: info@bmcairfilters.com

Version 3
Dated 01/12/2022

WAFLU250 / WAFLU1LT PRODUCTS FOR AIR FILTERS

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Information Sheet

This sheet must not be considered a safety data sheet for the purposes of art. 31 of Regulation (EC) no. 1907/2006 (REACH)

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

1.1. Product identifier

Code: **WAFLU250, WAFLU1LT**
Product name: **AS ABOVE INDICATED**

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

Intended use: **PRODUCTS FOR AIR FILTERS, for professional use.**
uses not recommended: **Uses other than those indicated above**

1.3. Details of the supplier of the safety data sheet

Name: **BMC S.r.l.**
Full address: **Via Roslè 115**
District and Country: **40059 Medicina (BO)
ITALY**
tel. **+39 051/6971511**

e-mail address of the competent person responsible for the Safety Data Sheet: **info@bmcairfilters.com**

1.4. Emergency telephone number

For urgent inquiries refer to

Company telephone number:
BMC S.r.l.: tel. +39 051/6971511 Mon.-Fri. 9.00-13.00 / 14.00-18.00
(technical assistance only)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication:

2.2. Label elements

Hazard pictograms: --

Signal words: --

Hazard statements:

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Precautionary statements:

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2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.
The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC		
INDEX 649-474-00-6	$90 \leq x < 94$	Classification note according to Annex VI to the CLP Regulation: L
EC 265-169-7		
CAS 64742-65-0		
REACH Reg. 01-2119471299-27- xxxx		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

NOTE L relating to oil: The extract content in dimethyl sulfoxide, determined with the IP 346 method, is less than 3% by weight. Therefore, in accordance with the criteria adopted by the European Union on the classification and labeling of dangerous substances, this product is classified as "non-carcinogenic".

SECTION 4. First aid measures

4.1. Description of first aid measures

Even if the product is not dangerous, compliance with the rules of good industrial hygiene is recommended in any case.

EYES: wash with water for at least 15 minutes keeping the eyelids wide open. If irritation/redness persists, get medical attention.

SKIN: Wash the affected area with plenty of soap and water. In case of persistent symptoms consult a doctor.

INHALATION: take the subject to fresh air. If breathing is difficult or if symptoms persist, consult a doctor.

INGESTION: wash mouth with plenty of water. Give plenty of water to drink and, in case of persistent symptoms, consult a doctor.

Never induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Prolonged or repeated exposure may cause skin irritation. Ingestion of large quantities causes nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatologically.

In the event of an accident or if you feel unwell, consult a doctor immediately.

SECTION 5. Firefighting measures

5.1. Extinguishing media



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SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use strong jets of water.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications are valid both for those involved in the work and for emergency interventions.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Wash hands after use. Handle in a suitable place and with good general ventilation. Wash the contaminated garments before reusing them.

Eliminate all open flames and possible sources of ignition. Do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container, tightly closed, under cover. Store in a cool, well-ventilated place away from sources of heat, open flames, sparks and other sources of ignition.

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

The arrangement of the storage area must be such as to prevent accidental spills from percolating into the ground.



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7.3. Specific end use(s)

No use other than as indicated in section 1.2 of this safety data sheet

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,74 mg/kg bw/d				
Inhalation							5,58 mg/m3	2,73 mg/m3
Skin								0,97 mg/kg bw/d

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

Ensure good ventilation in the workplace through effective local aspiration. Observe the usual safety measures when handling chemicals. Personal protective equipment must bear the CE marking which certifies their compliance with current standards. Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Chemically resistant impervious gloves complying with approved standards should always be worn when handling chemicals. (ref. standard EN 374).

SKIN PROTECTION

Personal equipment for the body must be selected according to the task performed and the risk expected before handling this product. In general, wear long-sleeved work clothes and industrial/professional safety footwear. Wash with soap and water after removing protective clothing.

EYE PROTECTION

The use of safety goggles compliant with approved standards (EN 166) is recommended.

RESPIRATORY PROTECTION

Wear a mask with a combined type filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration for use. (ref. standard EN 14387). Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	red	



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Odour	mild	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	Non-flammable based on composition	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 200 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	Not measurable, mixture insoluble in water	
Kinematic viscosity	46 cSt	Temperature: 40 °C
Solubility	Insoluble in water, soluble in petroleum solvents.	
Partition coefficient: n-octanol/water	Not available for blend. See section 12 for component details	
Vapour pressure	not available	
Density and/or relative density	0,871 g/cm3	
Relative vapour density	not available	
Particle characteristics	not applicable based on physical status	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

Keep away from flames and other sources of ignition. Avoid the accumulation of electrostatic charges.

10.5. Incompatible materials



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Strong oxidizing agents.

10.6. Hazardous decomposition products

Incomplete combustion will produce toxic and harmful fumes including carbon monoxide and carbon dioxide

SECTION 11. Toxicological information

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

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

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no significant component)
ATE (Oral) of the mixture:	Not classified (no significant component)
ATE (Dermal) of the mixture:	Not classified (no significant component)

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC

Method: OECD 401

Reliability (Klimisch score): 1

Species: Rat (Sprague-Dawley; male/female)

Exposure: oral

Results: LD50 > 5000 mg/kg body weight

Method: equivalent or similar to OECD 403

Reliability (Klimisch score): 1

Species: Rat (Sprague-Dawley; male/female)

Exposure: inhalation (aerosols)

Results: LC50 = 2.18 mg/L (air)/4h

Method: OECD 402

Reliability (Klimisch score): 1

Species: Rabbit (New Zealand White; male/female)

Exposure: dermal

Results: LD50 > 5000 mg/kg body weight

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE



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Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
LL50: >100 mg/l/96h Pimephales promelas (OECD 203)
EL50: >10000 mg/l/48h Daphnia magna (equivalent or similar to OECD 202)
NOEL: >100 mg/l/72h Pseudokirchneriella subcapitata (OECD 201)

12.2. Persistence and degradability

DISTILLATES (PETROLEUM),
SOLVENTDEWAXED HEAVY PARAFFINIC
Entirely degradable
(OECD Guideline 301 F)

12.3. Bioaccumulative potential

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC

Partition coefficient: n-octanol/water

Not measurable, UVCB substance (KOWWIN v1.68)

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods



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Product residues are to be considered special non-hazardous waste. The dangerousness of the waste which partially contains this product must be evaluated on the basis of the legislative provisions in force.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

The legal responsibility for disposal is the producer / holder of the waste.

To this mixture different EWC codes could be applied (European Waste Code) based on the specific circumstances that generated the waste, possible alterations and / or possible contamination.

The product as such, contained in the original packaging, or decanted in an appropriate container for the purpose of disposal, or no longer usable (for example following an accidental spill), must be classified with a EWC code that is compatible with the description of the use indicated in section 1.2.

The suitable final destination of the waste must be evaluated by the manufacturer on the basis of the chemical-physical characteristics of the waste, the compatibility with the authorized facility to which it will be given for recovery, and the definitive treatment or disposal according to the procedures established by current regulations .

Disposal through wastewater discharge is not permitted.

CONTAMINATED PACKAGING

Contaminated packaging must be sent, properly labeled, to recovery or disposal in compliance with national waste management regulations and must be classified with the following EWC code:

- 15 01 01 : paper and cardboard packaging
- 15 01 02 : plastic packaging
- 15 01 03 : wooden packaging
- 15 01 04 : metallic packaging
- 15 01 05 : composite packaging
- 15 01 06 : mixed packaging
- 15 01 07 : glass packaging
- 15 01 09 : textile packaging

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable



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14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

A chemical safety assessment has not been prepared for the mixture

SECTION 16. Other information

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)



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- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
 13. Regulation (EU) 2017/776 (X Atp. CLP)
 14. Regulation (EU) 2018/669 (XI Atp. CLP)
 15. Regulation (EU) 2019/521 (XII Atp. CLP)
 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
 17. Regulation (EU) 2019/1148
 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
 - ECHA website
 - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for the recipient of the Information Sheet

The recipient of this Information Sheet shall make sure of reading and understanding the information included by all people who handle, store, use, or otherwise come into contact in any way with the substance or mixture to which this Information Sheet is referred to. In particular, the recipient shall provide adequate training to the personnel for the use of hazardous substances and/or mixtures. The recipient shall verify the suitability and completeness of the provided information according to the specific use of the substance or mixture.



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However, the substance or mixture referred to by this Information Sheet shall not be used for uses other than those specified in Section 1. The Supplier don't assume responsibility for improper uses. Since the use of the product does not fall under the direct control of the Supplier, the user shall, under his own responsibility, fulfill national and EU regulations concerning health and safety.

The information included in this Information Sheet are provided in good faith and are based on the current state of scientific and technical knowledge, at the revision date indicated, available to the Supplier indicated in Section 1 of this Information Sheet. It shall not be meant that the Information Sheet is a guarantee of any specific property of the substance or mixture. The information concern only to the substance or mixture specifically designated in Section 1 and it could not be valid for the substance or mixture used in combination with other materials or in any process not specified in the text.

Changes from the previous revision

Changes have been made to the following sections:

01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.