



SMOG DOCTOR DI VAN BAKEL WERNER
VIA NAZIONALE, 87/2
40065 PIANORO - BOLOGNA - ITALIA
TEL. +39-335 - 21 81 00
info@smogdoctor.eu www.smogdoctor.eu
VAT IT02915091207

1 - Chemical Product and Company name

1.1 - Product Name: VB64 Air Conditioner Disinfectant

1.2 - Manufacturer: SMOG DOCTOR DI VAN BAKEL WERNER

Smog Doctor di van Bakel Werner
Via Nazionale, 87/2
40065 Pianoro (BO) Italy

1.3 - Telephone Number: +39-335 - 21 81 00

1.4 - E-mail address: info@smogdoctor.eu

1.5 - Emergency Telephone Number: +39 - 335 21 81 00

1.6 - Usage: Air Conditioning System Cleaner

1.7 - Date of compilation: 10/05/2023

2 - Composition/Information on Ingredients

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Remark	REACH nr.
Hydrocarbons, C10, aromatics, >1% naphthalene	70-75	308067-53-0	919-284-0		01-2119463588-24
2-Butoxyethanol	5 - < 10	111-76-2	203-905-0		
4-methylpentan-2-ol	5 - < 10	108-11-2	203-551-7		
2-Ethylhexan-1-ol	0,1 - < 1	104-76-7	203-234-3		
Ammonium oleate	1 - 5	544-60-5	208-873-1		

Occupational exposure limit(s), if relevant, are listed in section 8.

Substance name	Hazard Class	H-phrases	Pictograms	
Hydrocarbons, C10, aromatics, >1% naphthalene	Asp. Tox. 1; STOT SE 3; Carc. 2; Aquatic Chronic 2	H336; H304; H351; H411; EUH066	GHS07; GHS08; GHS09	
2-Butoxyethanol	Acute Tox. 4; Eye Irrit. 2; Skin Irrit. 2	H332; H312; H302; H319; H315	GHS07	
4-methylpentan-2-ol	Flam. Liq. 3; STOT SE 3	H226; H335	GHS02; GHS07	H335 : C ≥ 25 %
2-Ethylhexan-1-ol	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3	H315; H319; H332; H335	GHS07	
Ammonium oleate	Eye Irrit. 2; Aquatic Chronic 3	H319; H412	GHS07	

Reference is made to chapter 16 for full text of each relevant H phrase.

3 - Hazard Identification

4 - First Aid and Emergency

4.1 - Skin exposure

Remove immediately contaminated clothes and wash with plenty of water and soap. Call for a physician, if irritation occurs or in case of contact with large areas of the body.

4.2 - Eyes exposure

See a physician immediately and, in the meantime, start washing with water for at least 15-minutes, keeping lids well open, if possible, use the portable or fixed shower-jet.



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4.3 - Ingestion

Call immediately a physician and arrange for the first aid. Rinse mouth with plenty of water. DO NOT induce vomiting. Drink slowly fresh water.

4.4 - Inhalation

Remove immediately the victim from the contaminated area and keep him in a safe position, in a warm and well-ventilated area. Seek medical advice immediately and arrange for the first aid.

5 - Fire Fighting Measures

5.1 - Procedures

Fire can be extinguished using foam, carbon dioxide (CO₂), dry chemicals, sand, dolomite etc.
Use water **SPRAY** only to cool containers! Do not put water on leaked material.

6 - Accidental Release Measures

6.1 - Procedures

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers.

Wear the appropriate protective equipment e.g.: anti-dust mask, suitable clothes, glasses, gloves and anti-sliding shoes, before any operation. If the product flows down into a river, in the sewage or contaminates the ground or vegetation, advise competent Authorities.

7 - Handling and Storage

7.1 - Procedure

Comply with common technical and hygiene industrial norms relating to handling and storage of substances and chemical products. Wear appropriate protective equipment e.g.: anti-dust mask, suitable clothes, glasses, gloves and anti-sliding shoes. Assure good ventilation during the use. Store in cool and well-ventilated areas. Use only plastic containers or stainless steel.

8 - Exposure Controls/Personal Protection

8.1 - Procedures

Comply with common technical and hygiene industrial norms relating to handling and storage of substances and chemical products. Wear appropriate protective equipment e.g.: anti-dust mask, suitable clothes, glasses, gloves and anti-sliding shoes. Assure good ventilation during the handling.

9 - Physical and Chemical Properties

- 9.1 - Appearance (at 20 °C and at 101,3 kPa) : Clear Liquid
- 9.2 - Odour: Lavendel
- 9.3 - Colour: transparent
- 9.4 - pH value: n.a.
- 9.5 - Oxidising properties: none
- 9.6 - Explosive properties: none
- 9.7 -
- 9.8 - Flashpoint: 150 °C
- 9.9 - Solubility in water: Soluble
- 9.10 - Density: 1010 ± 0.02 g/dm³

Abbreviation: n.a.: not applicable; n.e.: not evaluate

10 - Stability and Reactivity

10.1 - Stability

Stable liquid in normal conditions of storage.

10.2 - Conditions to avoid

Avoid the contact with strong acids and energetic oxidizing agents. Avoid the storage in high temperatures areas.



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10.3 - Materials to avoid

Avoid strong oxidizing agents.

10.4 - Hazardous reaction

The product does not develop hazardous substances by decomposition.

11 - Toxicological Information

11.1 - Acute oral toxicity (rat) LD₅₀: > 2000 mg/kg OECD 401

11.2 - Dermal irritation (rabbit) LD₅₀: yes

11.3 - Eyes irritation (rabbit): yes

12 - Ecological Information

12.1 - General information

Avoid wasting the product in the environment.

12.3 - Aquatic toxicity (96 h) LD₅₀: 14 mg/l OECD 403- The substance is not easily degradable
Non si hanno dati disponibili relativi alla mobilità del preparato finale.

13 - Disposal Conditions

13.1 - Procedures

Comply with laws in force to discharge waste (Dlgs. 22/97 and following integration and modifications).

14 - Transport Information

14.1 - Road and rail transport

RID/ADR Class: Not regulated
GGVS/GGVE

No. danger:

No. substance:

14.2 - River Transport

ANDR: Not regulated

14.3 - Sea transport

IMDG Code GGVSee: Not regulated

Ems:

MGAG:

14.4 - Air transport

ICAO/IATA-DGR: Not regulated

14.5 - Other indications

15 - Regulatory Information

15.2 - Dangerous substance: no

15.3 - Symbols of danger:

15.4 - Risk sentences (R):

R36/38 Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment and the substance is not easily degradable.

15.5 - Safety advices (S):

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

S57 Use appropriate container to avoid environmental contamination.

S61 Avoid release in the environment. Refer to special instructions/Safety data sheets.

16 - Other Information



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16.1 - Note: use the product only by following the instructions (dosing and concentration) of technical sheet.

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