



Smog Doctor di van Bakel Werner  
Via Nazionale, 87/2  
40065 Pianoro (BO)  
Tel. +39 - 335 - 21 81 00  
VAT IT 02915091207  
C.F. VNBWNR58S11Z126C

## 1 - Chemical Product and Company name

1.1 - Product Name: vb45 EXTREME CLEANER

### 1.2 - Manufactured for:

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: Lubricating Systems Conditioner N.C. CODE 27 10 19 81

1.7 - Date of compilation: 22/05/2023

## 2 - Composition/Information on Ingredients

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Petroleum distillates, solvent dewaxed	(CAS No) 64742-65-0	71- 96, 52 - 91	Not Classified
heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic	(CAS No) 64742-54-7	0.1- 10, 11- 16	Not Classified
Paraffin oils*	(CAS No) 8012-95-1	0.2- 0.3 0.1- 1 1.2 - 4	Not Classified
Phenol, 4-dodecyl-	(CAS No) 104-43-8	0.2 - 1.2	Aquatic Chronic 3, H402
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	(CAS No) 68649-42-3	2.6 - 10.8	Aquatic Chronic 3, H402

## 3 - Hazard Identification

This material has no known health hazards under applicable laws.

## 4 - First Aid and Emergency

### 4.1 - Skin exposure

Remove immediately contaminated clothes and wash with plenty of water. 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.

### 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 well-ventilated area. Seek medical advice immediately and arrange for the first aid.

## 5 - Fire Fighting Measures

**Flash Point** 205 C

### 5.1 - Procedures

Fire can be extinguished using foam, carbon dioxide (CO<sub>2</sub>), 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.

Sheet conform directive CEE 67/548 Material Safety Data Sheet of the product: vb45 EXTREME CLEANER - pag. 1 di 4



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## 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.

## 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: Mild

9.3 - Colour: Light colored liquid

9.4 - pH value: n.a.

9.5 - Oxidising properties: none

9.6 - Explosive properties: none

9.7 - Flammability: not determined

9.8 - Flashpoint: 205 °C

9.9 - Solubility in water: Not soluble

9.10 - Density: 960 g/dm<sup>3</sup>

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

## 10 - Stability and Reactivity

### 10.1 - Stability

Stable liquid in normal conditions of storage. It develops black smoke, CO, CO<sub>2</sub> and derivatives of incomplete combustion.

### 10.2 - Conditions to avoid

Avoid the storage in high temperatures areas.

### 10.3 - Materials to avoid

Acids and oxidising, in general.

### 10.4 - Hazardous reaction

Decomposition.

## 11 - Toxicological Information

11.2 - Dermal irritation (rabbit) LD<sub>50</sub>: > 2000 mg/kg

11.3 - Eyes irritation (rabbit): Not expected to cause eye irritation Based on data from components or similar materials.

## 12 - Ecological Information

### -- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity The acute LC<sub>50</sub> is > 1000 mg/L based on similar materials.

Freshwater Invertebrates Toxicity The acute EC<sub>50</sub> is > 1000 mg/L based on similar materials.

Algal Inhibition The acute EC<sub>50</sub> is > 1000 mg/L based on similar materials.

Saltwater Fish Toxicity Not determined.

Saltwater Invertebrates Toxicity Not determined.

Bacteria Toxicity The acute EC<sub>50</sub> is > 1000 ppm based on actual data.

Miscellaneous Toxicity Not determined.



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**-- ENVIRONMENTAL FATE --**

<b>Biodegradation</b>	This product will biodegrade very rapidly based on OECD 301-type test data for similar products. Meets ready biodegradation criteria.
<b>Bioaccumulation</b>	This material potentially bioconcentrates, based on octanol/water coefficient data from similar materials.
<b>Soil Mobility</b>	Not determined.

**13 - Disposal Conditions**

<b>13.1 – Procedures</b>	This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.
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**14 - Transport Information**

<b>ICAO/IATA I</b>	Not regulated.
<b>ICAO/IATA II</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>IMDG EMS Fire</b>	Not applicable.
<b>IMDG EMS Spill</b>	Not applicable.
<b>IMDG MFAG</b>	Not applicable.
<b>MARPOL Annex II</b>	Not determined.
<b>USCG Compatibility</b>	Not determined.
<b>U.S. DOT Bulk</b>	Not regulated.
<b>U.S. DOT Non-Bulk</b>	Not regulated.
<b>DOT NAERG</b>	Not applicable.
<b>TDG Bulk</b>	Not regulated.
<b>TDG Non-Bulk</b>	Not regulated.

**15 - Regulatory Information**

<b>Symbol(s)</b>	Not applicable.
<b>Indication of Danger</b>	Not applicable.
<b>Precautionary Labels</b>	Not applicable.
<b>Other Label Information</b>	None.

**-- Global Chemical Inventories --**

<b>USA</b>	All components of this material are on the US TSCA Inventory or are exempt.
<b>Other TSCA Reg.</b>	None known.
<b>EU</b>	All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.
<b>Japan</b>	All components are in compliance with the Chemical Substances Control Law of Japan.
<b>Australia</b>	All components are in compliance with chemical notification requirements in Australia.
<b>New Zealand</b>	All components are in compliance with chemical notification requirements in New Zealand.
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
<b>Switzerland</b>	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
<b>Korea</b>	All components are in compliance in Korea.
<b>Philippines</b>	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
<b>China</b>	All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**-- Other U.S. Federal Regulations --**

<b>SARA Ext. Haz. Subst.</b>	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.
<b>SARA Section 313</b>	This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.
<b>SARA 311 Classifications</b>	Acute Hazard No



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Chronic Hazard No  
Fire Hazard No  
Reactivity Hazard No

**CERCLA Hazardous Substances** None known.

**FDA Approval** Not applicable.

**-- State Regulations --**

**Cal. Prop. 65**

This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.

**16 - Other Information**

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

**DISCLAIMER**

THIS INFORMATION CONTAINED HEREIN, RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS, TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO WARRANTY, GUARANTEE OR REPRESENTATION IS MADE TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE DUTY OF THE USER TO ENSURE THAT THIS INFORMATION IS APPROPRIATE AND COMPLETE WITH RESPECT TO THE SPECIFIC USE INTENDED.

SHEET VERSION No. 1

That version replaces and cancels any other previous emitted versions.

**SHEET PRINTED THE 22/05/2023**