

## 1 Identification

- **Product identifier**
  - Product number PN4B
  - Trade name: **KLIMA WB WHITE SEALER**
    - Application of the substance / the mixture For professional use
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
IVM Chemicals srl  
Viale della Stazione 3 - 27020 Parona (PV) Italy tel +39 038425441  
1.3.2 Importer
  - 
  - Name I.C. & S. DISTRIBUTING CO.  
Address P.O. BOX 10845  
LANCASTER. PA  
USA  
E-Mail: nelson@ics-company.com
  - **Information department:**  
Environmental Health and safety office  
hseoffice@ivmchemicals.com
  - **Emergency telephone number:** 001 813-248-0585

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 1A H350 May cause cancer.

- **Label elements**

- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
Quartz (SiO<sub>2</sub>)
- **Hazard statements**  
H350 May cause cancer.
- **Precautionary statements**
  - P201 Obtain special instructions before use.
  - P202 Do not handle until all safety precautions have been read and understood.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection.
  - P308+P313 IF exposed or concerned: Get medical advice/attention.
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)

**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 1)

**Classification system:**

 · **NFPA ratings (scale 0 - 4)**

 · **HMIS-ratings (scale 0 - 4)**


### 3 Composition/information on ingredients

**Chemical characterization: Mixtures**

 · **Description:** Mixture: consisting of the following components.

 · **Dangerous components:**

34590-94-8	Dipropylene glycol monomethyl ether Flam. Liq. 4, H227	1-<5%
57-55-6	propane-1,2-diol	1-2.49%
14808-60-7	Quartz (SiO <sub>2</sub> ) ☠ Carc. 1A, H350	≥0.1-<0.5%
55965-84-9	a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) ☠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330 ☞ Skin Corr. 1B, H314 ☠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) ☠ Skin Sens. 1A, H317	<0.0015%

### 4 First-aid measures

**Description of first aid measures**

 · **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

personal protective equipment for first aid responders is recommended. (please see section 8)

 · **After inhalation:** Supply fresh air; consult doctor in case of complaints.

 · **After skin contact:** Generally the product does not irritate the skin.

 · **After eye contact:** Rinse opened eye for several minutes under running water.

 · **After swallowing:** Do not induce vomiting; immediately call for medical help.

 · **Information for doctor:**

 · **Most important symptoms and effects, both acute and delayed**

For symptoms and effects caused by substances, refer to Section 11.

No further relevant information available.

 · **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

US

(Contd. on page 3)

**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 2)

## 5 Fire-fighting measures

### · Extinguishing media

#### · Suitable extinguishing agents:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### · Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

No further relevant information available.

### · Advice for firefighters

Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health and also, in the case of closed containers exposed to flames to prevent explosions.

#### · Protective equipment:

Hardhat with visor, fireproof clothing, suitable gloves and if necessary respiratory protective device.

## 6 Accidental release measures

### · Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources

### · Environmental precautions: Do not allow to enter sewers/ surface or ground water.

### · Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to Section 13.

Ensure adequate ventilation.

### · Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### · Protective Action Criteria for Chemicals

· PAC-1:		
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
57-55-6	propane-1,2-diol	30 mg/m
546-93-0	Magnesite	45 mg/m
124-68-5	2-amino-2-methylpropanol	17 mg/m
14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m
· PAC-2:		
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
57-55-6	propane-1,2-diol	1,300 mg/m
546-93-0	Magnesite	260 mg/m
124-68-5	2-amino-2-methylpropanol	190 mg/m
14808-60-7	Quartz (SiO <sub>2</sub> )	33 mg/m
· PAC-3:		
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
57-55-6	propane-1,2-diol	7,900 mg/m
546-93-0	Magnesite	1,600 mg/m
124-68-5	2-amino-2-methylpropanol	570 mg/m

(Contd. on page 4)

**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

14808-60-7 Quartz (SiO<sub>2</sub>)

(Contd. of page 3)

200 mg/m

## 7 Handling and storage

### · Handling:

- **Precautions for safe handling**  
 Ensure good ventilation/exhaustion at the workplace.  
 Open and handle receptacle with care.  
 Keep respiratory protective device available.

- **Information about protection against explosions and fires:**  
 Keep respiratory protective device available.

### · Conditions for safe storage, including any incompatibilities

#### · Storage:

##### · Requirements to be met by storerooms and receptacles:

- Observe the label precautions, the expiration date for the use, if not indicated, is from delivery date of goods.
- In cases where there is no reported expiration date, it means that the product must be used within 8 months.
- Take on temperature greater than 5 ° C

##### · Information about storage in one common storage facility: Not required.

##### · Further information about storage conditions: Keep receptacle tightly sealed.

- **Specific end use(s)** Those typical of the product and the instructions in the data sheet if required.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

### · Control parameters

#### · Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

#### 34590-94-8 Dipropylene glycol monomethyl ether

PEL	Long-term value: 600 mg/m , 100 ppm Skin
REL	Short-term value: 900 mg/m , 150 ppm Long-term value: 600 mg/m , 100 ppm Skin
TLV	Short-term value: 909 mg/m , 150 ppm Long-term value: 606 mg/m , 100 ppm Skin

#### 57-55-6 propane-1,2-diol

WEEL	Long-term value: 10 mg/m
------	--------------------------

#### 14808-60-7 Quartz (SiO<sub>2</sub>)

PEL	Long-term value: 0.05* mg/m *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL	Long-term value: 0.05* mg/m *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m *as respirable fraction

(Contd. on page 5)

**Product number PN4B****Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 4)

· *Additional information:* The lists that were valid during the creation were used as basis.

· **Exposure controls**

· *Personal protective equipment:*

· *General protective and hygienic measures:*

- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.

· *Breathing equipment:*

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· *Protection of hands:*



Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

The glove material has to be impermeable and resistant to the product .

· *Material of gloves*

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· *Penetration time of glove material*

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· *Eye protection:*



Tightly sealed goggles

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· *General Information*

· *Appearance:*

- *Form:* Fluid
- *Color:* According to product specification
- *Odor:* Characteristic
- *Odor threshold:* Not determined.

· *pH-value:* Not determined.

· *Change in condition*

- *Melting point/Melting range:* Undetermined.
- *Boiling point/Boiling range:* 100 °C (212 °F)

· *Flash point:* 94 °C (201.2 °F)

· *Flammability (solid, gaseous):* Not applicable.

· *Ignition temperature:* 270 °C (518 °F)

(Contd. on page 6)

# Safety Data Sheet

## 29 CFR Parts 1910 1915 1926

Printing date 12/19/2018

Version number 38

Reviewed on 12/19/2018

**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 5)

· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
· <b>Lower:</b>	1.1 Vol %
· <b>Upper:</b>	14 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	0.4 hPa (0.3 mm Hg)
· <b>Density (+/- 0,03) at 20 °C (68 °F):</b>	1.2 g/cm (10.014 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
· <b>Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Kinematic at 20 °C (68 °F):</b>	21 s (ISO 4 mm)
· <b>Oxidising properties:</b>	N.A.
· <b>Solvent content:</b>	
· <b>Water:</b>	40.4 %
· <b>VOC content:</b>	4.07 %
	48.8 g/l / 0.41 lb/gal
· <b>Solids content:</b>	55.3 %
· <b>Other information (HAPS)</b>	
143-22-6   2-[2-(2-butoxyethoxy)ethoxy]ethanol	<0.1%
· <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** typical of the product as indicated in the data sheet
  - **Chemical stability** The product is stable in normal conditions of storage and use recommended
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**

· <b>LD/LC50 values that are relevant for classification:</b>		
<b>34590-94-8 Dipropylene glycol monomethyl ether</b>		
Oral	LD50	5,135 mg/kg (mouse)

(Contd. on page 7)

**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 6)

Dermal	LD50	19,020 mg/kg (rabbit)
<b>57-55-6 propane-1,2-diol</b>		
Oral	LD50	20,000 mg/kg (mouse)
Dermal	LD50	2,001 mg/kg (mouse)

· **Primary irritant effect:**

- *on the skin:* No irritant effect.
- *on the eye:* No irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

Contains 1,2-benzisothiazol-3(2H)-one, a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction.

Safety data sheet available on request.

· **Carcinogenic categories**

**Titanium dioxide**

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

**Quartz**

No significant exposure to quartz is thought to occur during the use of products in which quartz is bound to other materials, such as resin, and for quantities present in the formula

· <b>IARC (International Agency for Research on Cancer - Cl. 1 and 2)</b>		
13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	2B - DUST
14808-60-7	Quartz (SiO <sub>2</sub> )	1

· <b>NTP (National Toxicology Program)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	≥0.1-<0.5%

· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>		
None of the ingredients is listed.		

## 12 Ecological information

· **Toxicity**

· <b>Aquatic toxicity:</b>	
<b>34590-94-8 Dipropylene glycol monomethyl ether</b>	
EC50	970 mg/l (algae) (72 h) 1,919 mg/l (daphnia) (48 h)
LC50 (96h)	1,001 mg/l (Fish)
<b>57-55-6 propane-1,2-diol</b>	
EC50	19,000 mg/l (algae) (48 h) 18,340 mg/l (daphnia) (48 h)
LC50 (96h)	40,613 mg/l (Fish)
<b>55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)</b>	
EC50	0.027 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h)

(Contd. on page 8)

**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 7)

LC50 (96h)	0.19 mg/l (Fish)
------------	------------------

- **Persistence and degradability** No further relevant information available.

- **Substances Easily biodegradable**

34590-94-8	Dipropylene glycol monomethyl ether	.
57-55-6	propane-1,2-diol	.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

Dispose of contents and container in accordance with local state and federal regulations.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**

- DOT, ADN, IMDG, IATA Not applicable

- **UN proper shipping name**

- DOT, ADN, IMDG, IATA Not applicable

- **Transport hazard class(es)**

- DOT, ADR, ADN, IMDG, IATA
- Class Not applicable

- **Packing group**

- DOT, IMDG, IATA Not applicable

- **Environmental hazards:**

- Marine pollutant: No

- **Special precautions for user**

Not applicable.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **UN "Model Regulation":**

Not applicable

US

(Contd. on page 9)



**Product number PN4B**  
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 8)

## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Requirements of Federal Register

· SARA

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings) :**

143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol	<0.1%
111-76-2	2-butoxyethanol	<0.01%

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

Titanium dioxide only in bound form

Quartz (SiO<sub>2</sub>) only in bound form

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	only for Dust	10-12.49%
14808-60-7	Quartz (SiO <sub>2</sub> )	*	≥0.1-<0.5%

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

111-76-2	2-butoxyethanol	NL	<0.01%
----------	-----------------	----	--------

· **TLV (Threshold Limit Value established by ACGIH)**

14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	A4
13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	A4
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
111-76-2	2-butoxyethanol	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	10-12.49%
14808-60-7	Quartz (SiO <sub>2</sub> )	≥0.1-<0.5%

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

(Contd. on page 10)

**Product number PN4B**
**Trade name: KLIMA WB WHITE SEALER**

(Contd. of page 9)

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** IVM Chemicals Srl

- **Contact:** See emergency phone

- **Date of preparation / last revision** 12/19/2018 / 37

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 4: Flammable liquids . Category 4

Acute Tox. 3: Acute toxicity . Category 3

Acute Tox. 2: Acute toxicity . Category 2

Skin Corr. 1B: Skin corrosion/irritation . Category 1B

Skin Sens. 1A: Skin sensitisation . Category 1A

Carc. 1A: Carcinogenicity . Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard . Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard . Category 1

- **Sources**

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments

Agency ECHA web site

INRS Fiche Toxicologique

IARC International agency for research on cancer

- **\* Data compared to the previous version altered.**