

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 1 / 8
	<b>VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name/designation : VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD

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

Main use category : Industrial uses

### 1.3. Details of the supplier of the safety data sheet

Company : Imperbel NV/SA  
 Bergensesteenweg 32  
 1651 Lot , Belgium  
 Telephone +32 2 334 87 00  
 Telefax: +32 2 377 01 90  
 E-mail: infobe@derbigum.com  
 Website: www.derbigum.com

### 1.4. Emergency telephone number

Emergency telephone : + 32 3 575 55 55 (24h/24h)

IRELAND (REPUBLIC OF)  
 National Poisons Information Centre  
 Beaumont Hospital : +353 18 37 99 64/+353 1 809 21 66

UNITED KINGDOM  
 National Poisons Information Service  
 (Newcastle Centre) : 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)  
 Regional Drugs and Therapeutics Centre,  
 Wolfson Unit

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification according to Regulation (EU) 1272/2008

CLP-Classification : The product is non-dangerous in accordance with Directive 1272/2008/EEC

Not classified

#### 2.1.2. Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classification : The product is an article and is not subject of Directive 67/548/EEC or Directive 1999/45/EC.

Not classified

### 2.2. Label elements

#### 2.2.1. Labelling according to Regulation (EU) 1272/2008

Not applicable.

#### 2.2.2. Labelling according to Directives (67/548 - 1999/45)

Not relevant

### 2.3. Other hazards

Other hazards : PBT/vPvB data :  
 This information is not available.

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 2 / 8
	<b>VAEPLAN- V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
Non-hazardous ingredients	(CAS No.) Non-hazardous	100	Not classified

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Non-hazardous ingredients	(CAS No.) Non-hazardous	100	Not classified

Full text of R- and H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	: No adverse effects are expected. Provide fresh air. Put victim at rest, cover with a blanket and keep warm. When in doubt or if symptoms are observed, get medical advice.
Skin contact	: No adverse effects are expected. Wash skin with mild soap and water If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Eye contact	: No adverse effects are expected. Rinse immediately with plenty of water for at least 15 minutes. When in doubt or if symptoms are observed, get medical advice.
In case of ingestion	: No adverse effects are expected. If swallowed, rinse mouth with water (only if the person is conscious). Get medical advice/attention if you feel unwell.
Additional advice	: First aider: Pay attention to self-protection! See also section 8 . Never give anything by mouth to an unconscious person or a person with cramps. Show this safety data sheet to the doctor in attendance. Treat symptomatically.

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

Inhalation	: No information available.
Skin contact	: No information available.
Eye contact	: No information available.
Ingestion	: No information available.
Other adverse effects	: No information available.

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

When in doubt or if symptoms are observed, get medical advice.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray, alcohol resistant foam, Carbon dioxide, Dry extinguishing

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 3 / 8
	<b>VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

Extinguishing media which must not be used : powder Co-ordinate fire-fighting measures to the fire surroundings.  
for safety reasons: Strong water jet .

### **5.2. Special hazards arising from the substance or mixture**

Fire hazard : The product is not flammable.  
Specific hazards : Evacuate area.  
When heated to decomposition, emits toxic fumes  
Do not allow run-off from fire-fighting to enter drains or water courses.  
Dispose according to legislation.

### **5.3. Advice for firefighters**

Advice for firefighters : Special protective equipment for firefighters. .  
In case of fire: Wear self-contained breathing apparatus.  
Use water spray jet to protect personnel and to cool endangered containers.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel : Use personal protective equipment as required.  
Reference to other sections: 8.  
Evacuate area.  
Avoid contact with skin and eyes.  
Avoid breathing dust or vapour.  
Provide adequate ventilation.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place.  
Reference to other sections: 8.

### **6.2. Environmental precautions**

Environmental precautions : Do not allow to enter into surface water or drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Stop leak if safe to do so.  
Collect in closed and suitable containers for disposal.  
Dispose according to legislation.

### **6.4. Reference to other sections**

Personal protection equipment: see section 8 .  
Disposal: see section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Handling : Provide adequate ventilation.  
Use personal protective equipment as required.  
Personal protection equipment: see section 8 .  
Avoid contact with skin and eyes.  
Do not breathe vapour.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time).

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 4 / 8
	<b>VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

Advices on general occupational hygiene :

- Do not allow to enter into surface water or drains.
- Take any precaution to avoid mixing with incompatible materials.
- Use only in area provided with appropriate exhaust ventilation.
- Wash hands and face before breaks and immediately after handling of the product.
- When using do not eat, drink or smoke.
- Keep away from food, drink and animal feedingstuffs.
- Keep good industrial hygiene.

### **7.2. Conditions for safe storage, including any incompatibilities**

Storage :

- Keep container tightly closed in a cool, well-ventilated place.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Protect from sunlight.
- Protect from moisture.

Packaging materials :

- Keep/Store only in original container.

### **7.3 Specific end use(s)**

No data available.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Exposure limit values : No data available

### **8.2. Exposure controls**

Personal protection equipment :

- Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection :

- Usually no personal respirative protection necessary.
- In case of insufficient ventilation, wear suitable respiratory equipment.
- Full face mask (EN 136)
- Half-face mask (DIN EN 140)
- Filter type: A (EN141).

Hand protection :

- Protective gloves complying with EN 374., The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection :

- Not required under normal use. Wear eye glasses with side protection according to EN 166. .

Engineering control measures :

- Provide adequate ventilation.
- Provide sufficient air exchange and/or exhaust in work rooms.
- Organisational measures to prevent/limit releases, dispersion and exposure
- Reference to other sections: 7.

Environmental exposure controls :

- Do not allow to enter into surface water or drains.
- Comply with applicable Community environmental protection legislation.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Appearance : solid

Colour : various

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 5 / 8
	<b>VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

Odour	: odourless
Odour threshold:	: Not applicable
pH	: neutral
Melting point/freezing point	: No data available
Freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	: No data available
Vapour pressure	: No data available
Vapour density	: No data available
Density	: 1,27 g/cm <sup>3</sup>
Water solubility	: Insoluble
Solubility in different media	: Soluble in: THF
Partition coefficient n-octanol/water	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: ~ 180 °C
Viscosity	: No data available
Explosive properties	: Not applicable
Oxidising properties	: Not applicable

#### **9.2. Other information**

No data available

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

Reactivity : Reference to other sections: 10.5

#### **10.2. Chemical stability**

Stability : The product is stable under storage at normal ambient temperatures.

#### **10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions : None known.

#### **10.4. Conditions to avoid**

Conditions to avoid : None known.

#### **10.5. Incompatible materials**

Incompatible materials : None known.

#### **10.6. Hazardous decomposition products**

Hazardous decomposition products : Burning produces noxious and toxic fumes. Hazardous decomposition products Carbon dioxide, Carbon monoxide, Hydrogen chloride, Acetic acid .

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

Acute toxicity : Not classified (Based on available data, the classification criteria are not met.)

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 6 / 8
	<b>VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: neutral
Serious eye damage/eye irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: neutral
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met.)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met.)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met.)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met.)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met.)

#### Other information

Symptoms related to the physical, chemical and toxicological characteristics, Reference to other sections: 4.2

### SECTION 12: Ecological information

#### **12.1. Toxicity**

Toxicity : Ecological injuries are not known or expected under normal use.

#### **12.2. Persistence and degradability**

Persistence and degradability : No data available

#### **12.3. Bioaccumulative potential**

Bioaccumulation : No data available

Partition coefficient n-octanol/water : Not applicable

#### **12.4. Mobility in soil**

Mobility : No information available.

#### **12.5. Results of PBT and vPvB assessment**

PBT/vPvB data : No information available.


#### **12.6. Other adverse effects**

Other information : No information available.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

Product waste:	: Do not allow to enter into surface water or drains. Dispose according to legislation. Refer to manufacturer/supplier for information on recovery/recycling. Collect and dispose of waste product at an authorised disposal facility.
Contaminated packaging	: In accordance with local and national regulations.
Further ecological information	: Avoid release to the environment.
List of proposed waste codes/waste designations in accordance with EWC	: Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

	<b>SAFETY DATA SHEET</b>	Page : 7 / 8
		Revision nr : 2
	<b>VAEPLAN– V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Issue date : 24/03/2015
		Supersedes : 15/05/2013

## SECTION 14: Transport information

### 14.1. UN number

UN number : NA

### 14.2. UN proper shipping name

Proper Shipping Name : NA

### 14.3. Transport hazard class(es)

#### 14.3.1. Overland transport

ADR/RID : Not classified as dangerous for conveyance in the meaning of the Carriage of Dangerous Goods by Road and Rail.  
Class(es) : Not applicable

#### 14.3.2. Inland waterway transport (ADN)

ADN : Not classified for this transport way.

#### 14.3.3. Transport by sea

IMDG : Not classified for this transport way.  
Class or Division : Not applicable

#### 14.3.4. Air transport

ICAO/IATA : Not classified for this transport way.  
Class or Division : Not applicable

### 14.4. Packing group

Packing group : NA

### 14.5. Environmental hazards

Other information : Not applicable.

### 14.6. Special precautions for user

Special precautions for user : Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Code: IBC : Not applicable.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Restrictions on use : Not applicable

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC.

Authorisations : none  
: Not applicable

#### 15.1.2. National regulations

<b>VAEPLAN®</b>	<b>SAFETY DATA SHEET</b>	Page : 8 / 8
	<b>VAEPLAN- V, U/GV, VS, ABS, V-FR, U/V-FR, F, FD</b>	Revision nr : 2
		Issue date : 24/03/2015
		Supersedes : 15/05/2013

DE : WGK : Not listed  
DE : German storage class (LGK) : LGK 13 - Non-combustible solids  
DE : Technische Regeln für Gefahrstoffe (TRGS) : Not applicable  
DE : Risk classification according to VbF : Not applicable  
NL : ABM : 11 - Weinig schadelijk voor in het water levende organismen (B)  
NL : NeR (Nederlandse emissie Richtlijn) : Organic substances in powdered form

#### **15.2. Chemical safety assessment**

Chemical Safety Assessment : Not required

### **SECTION 16: Other information**

Key literature references and sources for data : European Chemicals Bureau (<http://esis.jrc.ec.europa.eu>)  
SDS from supplier, dated 17/08/2012

Other information : Assessment/classification CLP, Article 9, Calculation method.

Safety datasheet sections which have been updated : 2, 11, 16

Abbreviations and acronyms :  
ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin  
ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods Code  
LEL = Lower Explosive Limit/Lower Explosion Limit  
UEL = Upper Explosive Limit/Upper Explosion Limit  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
EC50 = Median Effective Concentration  
LC50 = Median lethal concentration  
LD50 = Median lethal dose  
TLV = Threshold limits  
TWA = time weighted average  
STEL = Short term exposure limit  
persistent, bioaccumulating and toxic (PBT).  
vPvB = very persistent and very bioaccumulating  
WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.