

# VF18<sup>®</sup>

## CHEMICAL ANCHOR SYSTEM FAST CURE MEDIUM STRENGTH

CERTIFICATION

TDS

MSDS

### Material Safety Data: PART A & B



**NCC COMPLIANT  
AS 5216:2018**



**For Install Support**  
[techadvice@allfasteners.com.au](mailto:techadvice@allfasteners.com.au)



**For Specification Support**  
[engineering@allfasteners.com.au](mailto:engineering@allfasteners.com.au)



**For Customer Support**  
1800 255 349





## SAFETY DATA SHEET VF18 Part A

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, February 2016

### SECTION 1: Identification: Product identifier and chemical identity

#### Product identifier

**Product name** VF18 Part A

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

**Application** Resin.

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

**Supplier** Allfasteners PTY LTD  
78 – 84 Logistics Street, Keilor Park, VIC 3042, Australia  
Tel 03 9330 0555  
Fax 03 9338 6434  
support@allfasteners.com.au  
www.allfasteners.com.au

#### Emergency telephone number

**Emergency telephone** 03 9330 0555 - 7am to 5pm Mon-Fri

**National emergency telephone number** AUS 13 11 26 / NZ 0800 764 766

### SECTION 2: Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319  
**Environmental hazards** Aquatic Chronic 3 - H412

#### Label elements

##### Hazard pictograms



**Signal word** WARNING

**Hazard statements**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**  
P264 Wash contaminated skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/ container in accordance with national regulations.

## VF18 Part A

<b>Labelling notes</b>	The product is not flammable. On basis of test data. UN Test N.1 and ASTM D4359-90
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### SECTION 3: Composition and information on ingredients

#### Mixtures

<b>VINYL TOLUENE</b>	<b>10-20%</b>
CAS number: 25013-15-4	

#### Classification

Flam. Liq. 3 - H226  
Acute Tox. 4 - H332  
Skin Irrit. 2 - H315  
Eye Irrit. 2A - H319  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

<b>TITANIUM DIOXIDE</b>	<b>&gt;0.5 &lt;1.0%</b>
CAS number: 13463-67-7	

#### Classification

Not Classified

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Irritating to skin.
<b>Eye contact</b>	Irritating to eyes.

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

<b>Notes for the doctor</b>	No specific recommendations.
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### SECTION 5: Firefighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

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

**Specific hazards** Not considered to be a significant hazard due to the small quantities used.

## VF18 Part A

**Hazardous combustion products** Oxides of carbon.

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### Environmental precautions

**Environmental precautions** Avoid release to the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Chemical storage.

### Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## SECTION 8: Exposure controls and personal protection

### Control parameters

### Occupational exposure limits

#### VINYL TOLUENE

Long-term exposure limit (8-hour TWA): 50 ppm 242 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 100 ppm 483 mg/m<sup>3</sup>

#### TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): 10 mg/m<sup>3</sup>

### Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

## VF18 Part A

<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
<b>Hand protection</b>	It is recommended that chemical-resistant, impervious gloves are worn.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Solid.
<b>Colour</b>	Beige.
<b>Odour</b>	Aromatic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Flammability Limit - Lower(%)</b>	Not determined.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.65 - 1.75 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.

## VF18 Part A

**Explosive under the influence of a flame** Not applicable.

**Oxidising properties** Not determined.

### SECTION 10: Stability and reactivity

**Reactivity** The following materials may react with the product: Organic peroxides/hydroperoxides.

**Stability** Stable at normal ambient temperatures.

**Possibility of hazardous reactions** Does not decompose when used and stored as recommended.

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

**Materials to avoid** Organic peroxides/hydroperoxides.

**Hazardous decomposition products** Oxides of carbon.

### SECTION 11: Toxicological information

#### Information on toxicological effects

#### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 79.18

**Ingestion** May cause discomfort if swallowed.

**Skin Contact** Causes skin irritation.

**Eye contact** Causes eye irritation.

**Route of exposure** Skin and/or eye contact

**Medical Symptoms** Irritation of eyes and mucous membranes. Skin irritation.

#### Toxicological information on ingredients.

#### VINYL TOLUENE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,255.0

**Species** Rat

**ATE oral (mg/kg)** 2,255.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 4,500.0

**Species** Rat

**ATE dermal (mg/kg)** 4,500.0

##### Acute toxicity - inhalation

**VF18 Part A**

**ATE inhalation (vapours  
mg/l)** 11.0

**Carcinogenicity**

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

**TITANIUM DIOXIDE****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub>  
mg/kg)** 5,000.0

**Species** Rat

**Carcinogenicity**

**IARC carcinogenicity** IARC Group 2B Possibly carcinogenic to humans.

**SECTION 12: Ecological information****Ecological information on ingredients.****VINYL TOLUENE****Acute aquatic toxicity**

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 23.4 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic  
invertebrates** EC<sub>50</sub>, 48 hours: 1.3 mg/l, Daphnia magna

**Acute toxicity - aquatic  
plants** EC<sub>50</sub>, 72 hours: 2.6 mg/l, Selenastrum capricornutum

**TITANIUM DIOXIDE****Acute aquatic toxicity**

**Acute toxicity - fish** LC<sub>0</sub>, >: 1000 mg/l, Leuciscus idus (Golden orfe)  
REACH dossier information

**Acute toxicity - aquatic  
invertebrates** NOEC, > 48 hours: 3 mg/l, Daphnia magna  
REACH dossier information

**Acute toxicity -  
microorganisms** EC<sub>50</sub>, > 3 hours: 1000 mg/l, Activated sludge  
REACH dossier information

**Bioaccumulative potential**

**Bioaccumulative Potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

**Ecological information on ingredients.****VINYL TOLUENE**

**Partition coefficient** log Pow: 3.36

**Mobility in soil**

**Mobility** Not applicable.

**Other adverse effects**

## VF18 Part A

**Other adverse effects**                      Not applicable.

### SECTION 13: Disposal considerations

#### Waste treatment methods

**General information**                      Dispose of waste product or used containers in accordance with local regulations

**Disposal methods**                         Dispose of waste via a licensed waste disposal contractor.

### SECTION 14: Transport information

**General**                                        The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

#### UN number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally hazardous substance/marine pollutant**

No.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**    Not applicable.

### SECTION 15: Regulatory information

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

**Guidance**                                        Workplace Exposure Limits EH40.

### SECTION 16: Any other relevant information

**General information**                      The product is not flammable. On basis of test data. UN Test N.1 and ASTM D4359-90

**Revision comments**                        NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date**                                13/01/2020

**Version number**                            3.000

**Supersedes date**                          9/05/2018

**SDS No.**                                        21286



## VF18 Part A

### Hazard statements in full

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

This information 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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



## SAFETY DATA SHEET VF18 Part B

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, February 2016

### SECTION 1: Identification: Product identifier and chemical identity

#### Product identifier

**Product name** VF18 Part B

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

**Application** Catalyst.

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

**Supplier** Allfasteners PTY LTD  
78 – 84 Logistics Street, Keilor Park, VIC 3042, Australia  
Tel 03 9330 0555  
Fax 03 9338 6434  
support@allfasteners.com.au  
www.allfasteners.com.au

#### Emergency telephone number

**Emergency telephone** 03 9330 0555 - 7am to 5pm Mon-Fri

### SECTION 2: Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2A - H319 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

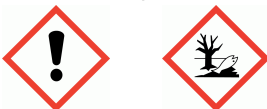
**Human health** May cause skin disorders if contact is repeated or prolonged. The product is irritating to eyes and skin.

**Environmental** The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

**Physicochemical** Not considered to be a significant hazard due to the small quantities used.

#### Label elements

##### Hazard pictograms



**Signal word** WARNING

**Hazard statements**  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

## VF18 Part B

<b>Precautionary statements</b>	P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	BENZOYL PEROXIDE
<b>Labelling notes</b>	On basis of test data. Solid - ASTM D4359-90

### SECTION 3: Composition and information on ingredients

#### Mixtures

<b>BENZOYL PEROXIDE</b>	<b>10-15%</b>
CAS number: 94-36-0	
M factor (Acute) = 10	M factor (Chronic) = 10
<b>Classification</b>	
Org. Perox. B - H241	
Eye Irrit. 2A - H319	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR</b>	<b>5-10%</b>
CAS number: 670241-72-2	
<b>Classification</b>	
Aquatic Chronic 2 - H411	
<b>ZINC DISTEARATE</b>	<b>1-5%</b>
CAS number: 557-05-1	
M factor (Acute) = 1	
<b>Classification</b>	
Aquatic Acute 1 - H400	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

## VF18 Part B

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Causes skin irritation.

**Eye contact** Irritation of eyes and mucous membranes.

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

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

## SECTION 5: Firefighting measures

### Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

### Special hazards arising from the substance or mixture

**Specific hazards** No specific firefighting precautions applicable when small quantities are involved in the fire.

**Hazardous combustion products** Oxides of carbon.

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**Hazchem Code** 2Z

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### Environmental precautions

**Environmental precautions** Avoid release to the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

## VF18 Part B

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from flammable and combustible materials. Store at temperatures between 5°C/41°F and 25°C/77°F.

**Storage class** Chemical storage.

### Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## SECTION 8: Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

#### **BENZOYL PEROXIDE**

Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>

Sen

Sen = Respiratory and/or skin sensitiser.

### Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

The following protection should be worn: Chemical splash goggles.

**Hand protection**

Wear protective gloves made of the following material: Nitrile rubber.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.

**Respiratory protection**

No specific recommendations.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Solid.
<b>Colour</b>	Black.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	5 - 6
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.

## VF18 Part B

<b>Flammability (solid, gas)</b>	Not determined.
<b>Flammability Limit - Lower(%)</b>	Not determined.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.5 - 1.6
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Not determined.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	>50°C
<b>Viscosity</b>	> 60 S ISO2431
<b>Explosive properties</b>	No information available.
<b>Oxidising properties</b>	Not determined.

### SECTION 10: Stability and reactivity

<b>Reactivity</b>	The following materials may react with the product: Acids. Alkalis. Amines. Strong reducing agents.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 50°C.
<b>Possibility of hazardous reactions</b>	Will not polymerise.
<b>Conditions to avoid</b>	Avoid contact with strong reducing agents. Avoid heat. Avoid contact with acids and alkalis.
<b>Materials to avoid</b>	Strong reducing agents. Acids, non-oxidising. Acids - organic. Alkalis - inorganic. Alkalis - organic. Amines.
<b>Hazardous decomposition products</b>	Oxides of carbon.

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Skin sensitisation

**Skin sensitisation**                      Sensitising.

**Inhalation**                                      No specific health hazards known.

**Ingestion**                                        May cause discomfort if swallowed.

**Skin Contact**                                    Irritating to skin. May cause sensitisation by skin contact.

**Eye contact**                                    Irritation of eyes and mucous membranes.

**Route of exposure**                            Skin and/or eye contact

## VF18 Part B

**Medical Symptoms** Skin irritation. Irritation of eyes and mucous membranes.

**Medical considerations** No information available.

### Toxicological information on ingredients.

#### BENZOYL PEROXIDE

##### Carcinogenicity

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### SECTION 12: Ecological information

### Ecological information on ingredients.

#### BENZOYL PEROXIDE

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)** 10

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 0.06 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 0.11 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 0.07 mg/l, Selenastrum capricornutum

##### Chronic aquatic toxicity

**M factor (Chronic)** 10

#### BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 24 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
LC<sub>50</sub>, 48 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
LC<sub>50</sub>, 72 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
EC<sub>50</sub>, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
EC<sub>100</sub>, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)  
NOEC, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 24 hours: > 2.2 mg/l, Daphnia magna  
EC<sub>50</sub>, 48 hours: > 2.2 mg/l, Daphnia magna  
NOEC, 48 hours: > 2.2 mg/l, Daphnia magna

**Acute toxicity - microorganisms** IC<sub>50</sub>, 3 hours: > 1000 mg/l, Activated sludge  
NOEC, 3 hours: > 1000 mg/l, Activated sludge

### Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### Bioaccumulative potential

**Bioaccumulative Potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### Mobility in soil

**Mobility** Mobile. The product is partly miscible with water and may spread in the aquatic environment.

## VF18 Part B

### SECTION 13: Disposal considerations

#### Waste treatment methods

<b>General information</b>	Dispose of waste product or used containers in accordance with local regulations
<b>Disposal methods</b>	Dispose of waste via a licensed waste disposal contractor.

### SECTION 14: Transport information

#### UN number

<b>UN No. (ADG)</b>	3077
<b>UN No. (IMDG)</b>	3077
<b>UN No. (ICAO)</b>	3077

#### UN proper shipping name

<b>Proper shipping name (ADG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)
<b>Proper shipping name (IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)
<b>Proper shipping name (ICAO)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR)

#### Transport hazard class(es)

<b>ADG class</b>	9
<b>ADG classification code</b>	M7
<b>ADG label</b>	9
<b>IMDG class</b>	9
<b>ICAO class/division</b>	9

#### Transport labels



#### Packing group

<b>ADG packing group</b>	III
<b>IMDG packing group</b>	III
<b>ICAO packing group</b>	III

#### Environmental hazards

##### Environmentally hazardous substance/marine pollutant



#### Special precautions for user

<b>EmS</b>	F-A, S-F
<b>Hazchem Code</b>	2Z



## VF18 Part B

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

### SECTION 16: Any other relevant information

<b>General information</b>	On basis of test data. Solid - ASTM D4359-90
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	13/01/2020
<b>Version number</b>	3.000
<b>Supersedes date</b>	14/08/2018
<b>SDS No.</b>	21287
<b>Hazard statements in full</b>	H241 Heating may cause a fire or explosion. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

This information 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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.