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## Section 1. Identification

### 1.1 Product Identifier 4282

Product Name V-VIOLET FB 180%

CAS Number 12220-51-8

REACH Registration No A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.

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

Uses of Material Chemical for industrial and laboratory use. Not suitable for domestic use.

### 1.3 Supplier Vickers Laboratories Ltd



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Richardshaw Road  
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LS28 6QW  
UNITED KINGDOM

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### 1.4 Emergency Telephone (08:00-16:30) +44(0) 113 2362811 (24hr) 112 (Have this document to hand)

## Section 2. Hazards Identification

### 2.1 Classification of the substance or mixture

#### Classification according to regulation 1272/2008/EC

Serious eye damage/irritation, category 2  
Hazard to aquatic environment, category 3

H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling according to regulation 1272/2008/EC

Signal word Warning

Hazard Pictograms



Hazard Statements Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Precautionary Statements Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid release to the environment.

## Section 3. Composition

### 3.1 Substances

| Component        | CAS No.    | EEC No. | REACH No. | Conc w/w | CLP Classification (1272/2008/CE) |
|------------------|------------|---------|-----------|----------|-----------------------------------|
| V-violet fb 180% | 12220-51-8 |         |           | >90%     | Eye Irrit. 2, Aquatic Chronic 3   |

## Section 4. First Aid

### 4.1 Description of first aid measures

|                                      |  |
|--------------------------------------|--|
| Eyes                                 | Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION. |
| Skin                                 | Wash off skin thoroughly with water.   |
| Inhalation                           | Remove from exposure.  |
| Ingestion                            | Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.              |
| Personal protection for first aiders | Wear protective gloves / eye protection.   |

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

No further relevant information available.

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

No further relevant information available.

## Section 5. Fire Fighting

### 5.1 Extinguishing media

|                     |  |
|---------------------|--|
| Extinguishing Media | Consider what other flammable materials are present and act accordingly. |
| Unsuitable Media    | Nothing specified.   |

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

|         |                                   |
|---------|-----------------------------------|
| Hazards | Presents no specific fire danger. |
|---------|-----------------------------------|

### 5.3 Advice for firefighters

|                         |   |
|-------------------------|---|
| Advice for firefighters | Consider all other materials in the vicinity. |
|-------------------------|---|

## Section 6. Accidental Release Measures

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

|                     |                            |
|---------------------|----------------------------|
| Personal Protection | Presents no major hazards. |
|---------------------|----------------------------|

### 6.2 Environmental precautions

|               |  |
|---------------|--|
| Environmental | Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs. |
|---------------|--|

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

|                |  |
|----------------|--|
| Major Spillage | Shovel/sweep up into container for removal Wash area down with copious amounts of water. |
| Minor Spillage | Wash area down with copious amounts of water.  |

### 6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

## Section 7. Storage & Handling

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.

Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

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

Well ventilated, cool, dry storage . Product is hygroscopic: store in sealed containers away from heat, light and humidity.

### 7.3 Specific end use(s)

See section 1.2.

## Section 8. Workplace Exposure & Personal Protection

### 8.1 Control parameters

| Component        | CAS No     | Concentration | Workplace Exposure Limits |                         |
|------------------|------------|---------------|---------------------------|-------------------------|
|                  |            |               | Long Term (8hr TWA)       | Short Term 15min period |
| V-violet fb 180% | 12220-51-8 | >90%          | -                         | -                       |

Exposure data source(s) No occupational exposure data currently available.

### 8.2 Exposure controls

|                        |  |
|------------------------|--|
| Respiratory Protection | If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.                              |
| Hand Protection        | Wear gloves.   |
| Eye Protection         | Use tightly fitting chemical splash proof glasses or goggles.  |
| Skin Protection        | Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn. |
| Special Hazards        | No special precautions required.   |

## Section 9. Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                       |                              |
|-----------------------|------------------------------|
| Appearance            | Violet powder.               |
| Odour                 | No specific odour.           |
| pH                    | 7.5-8.5 @ 1g/l               |
| Boiling Point         | Not available                |
| Melting Point         | >100°C                       |
| Flash Point           | Not applicable               |
| Upper Flammable Limit | Not applicable               |
| Lower Flammable Limit | Not applicable               |
| Auto Ignition         | >300°C                       |
| Explosive Properties  | No.                          |
| Oxidising Properties  | No.                          |
| Vapour Pressure       | Not applicable               |
| Relative Density      | Not available                |
| Water Solubility      | Completely soluble in water. |

### 9.2 Other information

No data available.

## Section 10. Stability & Reactivity

|   |  |
|---|--|
| 10.1 Reactivity                         | No data available.                             |
| 10.2 Chemical Stability                 | Stable under normal conditions                 |
| 10.3 Possibility of hazardous reactions | No data available.                             |
| 10.4 Conditions to Avoid                | Avoid ingress of water and contact with acids. |

- 10.5** Incompatible Materials      Acids.
- 10.6** Hazardous Decomposition Products      None unusual.

## Section 11. Toxicological Information

### 11.1 Information on toxicological effects

|                      |  |
|----------------------|--|
| Eyes                 | Causes serious eye irritation.                       |
| Skin                 | Not expected to be a primary skin irritant.          |
| LD50 Skin            | Not available  |
| Ingestion            | Low order of acute toxicity.                         |
| LD50 Oral            | Not available  |
| Inhalation           | Presents no significant health hazard by inhalation. |
| LD50 Inhalation      | Not available  |
| TCLo                 | Not available  |
| Carcinogenicity      | Not considered to be a carcinogen.                   |
| Mutagenicity         | Not considered to be a mutagen.                      |
| Reproductive Effects | None identified.                                     |

## Section 12. Ecological

- 12.1** Toxicity      No specific environmental hazard.
- LC50 Algal      Not available
- LC50 Crustacea      Not available
- LC50 Fish      Not available
- 12.2** Persistence and degradability      No data available.
- 12.3** Bioaccumulative potential      No data available.
- 12.4** Mobility in soil      No data available.
- 12.5** Results of PBT & vPvB assessment      Assessment not required.
- 12.6** Other adverse effects      None known at present.

## Section 13. Disposal Considerations

### 13.1 Waste treatment methods

|                        |  |
|------------------------|--|
| Disposal Methods       | Flush to drain.  |
| Contaminated Packaging | Wash out containers with water. Use a licensed waste disposer. |

## Section 14. Transport Information

|  |                                  |
|--|----------------------------------|
| <b>14.1 UN Number</b>                    | Non-restricted                   |
| <b>14.2 Proper Shipping Name</b>         | Non-restricted                   |
| <b>14.3 Transport classes</b>            |                                  |
| UN classification                        | None                             |
| Subsidiary hazard(s)                     | None                             |
| Transport category                       | None                             |
| ADR Hazard ID                            | Non-restricted                   |
| Tunnel Restriction Code                  | Non-restricted                   |
| <b>14.4 Packing Group</b>                | None                             |
| <b>14.5 Environment hazards</b>          | See section 12.                  |
| <b>14.6 Special precautions for user</b> | No special precautions required. |
| <b>14.7 Transport in bulk</b>            | Not transported in bulk.         |

## Section 15. Regulatory Information

### 15.1 Safety, health and environment regulations specific for substance/mixture.

#### Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification Serious eye damage/irritation, category 2; Hazard to aquatic environment, category 3

Signal word Warning

Hazard Pictograms



Hazard Statements H319, H412  
Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Precautionary Statements P264, P280, P305+P351+P338, P337+P313, P273  
Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid release to the environment.

### 15.2 Chemical safety assessment

Assessment not required.

## Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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