1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 PRODUCT IDENTIFIER

1.1.1 COMMERCIAL PRODUCT NAME
Vita YZ Effect Liquid Stabilizer

1.1.2 PRODUCT NUMBER
EZ0C18350

1.2 RELEVANT IDENTIFIED USES FOR THE SUBSTANCE OR MIXTURE

1.2.1 IDENTIFIED USES
Colorant for Colouring liquid VITA YZ SHADE LIQUIDS

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

1.3.1 MANUFACTURER
Zirkonzahn srl, Via An der Ahr 7, IT 39030 Gais

1.3.2 SUPPLIER
Zirkonzahn srl, Via An der Ahr 7, IT 39030 Gais

1.3.3 TOX EMERGENCY CALL
+39 0474 066 660

2. POSSIBLE DANGERS

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

2.1.1 CLASSIFICATION ACCORDING TO REGULATION (EG) No. 1272/2008
The product is not subject to labelling according to the Dangerous Materials Regulation (GefStoff) and the EU directives.

2.1.2 ADDITIONAL INFORMATION
The product falls under the EC Directive 93/42 for medical products. The device is classified and labelled according to GefStoff / GHS guidelines.

2.2 LABEL ELEMENTS

2.2.1 LABELLING ACCORDING TO REGULATION (EC) No. 1272/2008

2.2.1.1 HAZARD PICTOGRAMS
Not subject to labelling.

2.2.1.2 SIGNALWORD
Not applicable.

2.2.1.3 HAZARD STATEMENTS
None.

2.2.1.4 PRECAUTIONARY STATEMENTS
None.

2.2.1.5 ADDITIONAL LABELLING
None.

2.3 OTHER HAZARDS
None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 CHEMICAL CHARACTERIZATION
Organic mixture

3.2 HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Designation</th>
<th>Proportion (% weight)</th>
<th>CAS – No.</th>
<th>EEC No.</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylenglykol</td>
<td>&lt;100 %</td>
<td>25322-68-3</td>
<td>203-473-3</td>
<td>No dangerous good</td>
</tr>
</tbody>
</table>
3.3 NOTE
None.
3.4 FURTHER INFORMATION
None.

4. FIRST AID MEASURES

4.1 EYE CONTACT
Immediately flush with plenty of water for 10-15 minutes. Lift eyelid to ensure thorough flush. If irritation persists, consult physician.

4.2 SKIN CONTACT
Wash thoroughly with water and soap. If irritation persists, consult physician.

4.3 INGESTION
Do not induce vomiting under any circumstances. Rinse out mouth thoroughly with water if the person is conscious.

4.4 INHALATION
Remove affected person to fresh air. If irritation persists, consult a physician.

4.5 FURTHER INFORMATION
None.

5. FIRE FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING DEVICES
No special fire fighting measures required. Non-combustile.

5.2 UNSUITABLE EXTINGUISHING DEVICES
Water with full jet.

5.3 FURTHER INFORMATION
Toxic fumes may be released, due to heat during fire. Protective clothing and suitable respiratory protection are required.

6. ACCIDENTAL RELEASE MEASURES

6.1 INDIVIDUAL PROTECTION
Minimize direct contact with skin and eyes and inhalation of fumes through suitable protective measures. Ventilate room sufficiently.

6.2 MEASURES FOR ENVIRONMENTAL PROTECTION
Avoid spilling into drains and waterways. Collect spilled material in the best possible way and store in acid-proof container (Polyethylene…). Dispose of at toxic waste collection point. Do not mix with residual waste.

6.3 MEASURES FOR CLEANING
Use inorganic fluid-absorbing material (diatomaceous earth or universal binder) to pick up. Ventilate room sufficiently.

6.4 ADDITIONAL INFORMATION
None.

7. HANDLING AND STORAGE

7.1 HANDLING
Handling of this product only by trained personnel. Keep out of reach of children.

7.2 INDUSTRIAL HYGIENE
Obey customary hygiene measures. Do not eat, drink or smoke during work.

7.3 STORAGE
Store in a cool place and out of the reach of flammable materials and fireplaces.

7.4 INFORMATION ABOUT STORAGE IN ONE COMMON FACILITY
Do not store together with food.

7.5 FIRE AND EXPLOSION PROTECTION
None.

7.6 INDICATION FOR SAFE HANDLING
Protect from heat sources.

7.7 STORAGE CLASS
Storage class 10: Combustible liquid that cannot be assigned to any other storage class.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

8.1.1 OCCUPATIONAL EXPOSURE LIMITS

The indicated limits are conform with the TRGS900.

<table>
<thead>
<tr>
<th>Polyethylene glycol (middle molar mass 200 – 400)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV value</td>
</tr>
</tbody>
</table>

8.1.2 BIOLOGICAL LIMIT VALUES

Not specified.

8.2 EXPOSURE CONTROLS

No limit established.

8.3 PERSONAL PROTECTIVE EQUIPMENT

8.3.1 RESPIRATORY PROTECTION

Yes.

Do not inhale fumes. Not required if safety regulations are observed.

8.3.2 HAND PROTECTION

Acid resistant gloves.

8.3.3 EYE PROTECTION

Use protective goggles (eventually with side protection).

8.3.4 OTHER

None.

8.4 FURTHER INFORMATION

None.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

9.1.1 FORM

Liquid.

9.1.2 COLOUR

Not defined.

9.1.3 ODOR

Odourless.

9.1.4 CHANGES IN PHYSICAL STATE

9.1.4.1 FREEZING POINT

Not defined.

9.1.4.2 MELTING POINT

4 – 8 °C

9.1.4.3 BOILING POINT

Not defined.

9.1.5 DENSITY

Not defined.

9.1.6 SOLUBILITY

Water-soluble.

9.1.7 PH-VALUE

Not defined.

9.1.8 FLASH POINT

Not applicable.

9.1.9 IGNITION POINT

Not applicable.

9.1.10 EXPLOSION LIMITS

Lower: Vol. %

Upper: Vol. %

Not applicable.

9.1.11 SOLIDS CONTENT/VISCOSITY

Not available.

9.2 PROPERTIES RELEVANT TO THE ELEMENT GROUP

No indications.

9.3 FURTHER INFORMATION

None.
10. STABILITY AND REACTIVITY

10.1 REACTIVITY  
No indications.

10.2 CHEMICAL STABILITY  
No indications.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS  
Keep away from heat sources, otherwise containers can burst. Avoid contact with chemical products. Corrosive action on metals.

10.4 CONDITIONS TO AVOID  
Keep away from heat sources.

10.5 INCOMPATIBLE MATERIALS  
No indications.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS  
No indications.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS  

11.1.1 SKIN  
Irritant.

11.1.2 EYES  
Irritant.

11.1.3 SENSIBILIZATION  
No sensitizing effect known.

11.2 ADDITIONAL TOXICOLOGICAL INFORMATION  
For further information on toxicity of the product and the components please contact address.

12. ECOLOGICAL INFORMATION

12.1 TOXICITY  
No adverse ecological effects if handled and used according to the relevant regulations.

12.2 PERSISTENCE AND DEGRADABILITY  
No indications.

12.3 BIOACCUMULATIVE POTENTIAL  
No indications.

12.4 MOBILITY IN SOIL  
No indications.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT  
No indications.

12.6 OTHER ADVERSE EFFECTS  
No indications.

13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS  
Transfer to a special incinerator centre in conformity with local and governmental regulations.

13.1.1 EG-WASTE KEY  
Not known.

13.2 CONTAINER  
Entirely emptied container can be disposed of at collection stations.

13.3 FURTHER INFORMATION  
None.
14. TRANSPORT INFORMATION

14.1 TRANSPORT AT LAND (ADR/RIG/GGVSE)

14.1.1 CLASSIFICATION
14.1.2 HAZARD LABEL
14.1.3 UN-No.
14.1.4 KEMLER NUMBER
14.1.5 PACKING GROUP
14.1.6 CLASSIFICATION CODE
14.1.7 WARNING SIGN
14.1.8 PACKING CODE
14.1.9 VOLUME OR MASS
14.1.10 CORRECT TECHNICAL TERM
14.1.11 LIMITED QUANTITY

14.2 TRANSPORT AT SEA (IMDG-CODE/GGVSEE)

14.2.1 CLASSIFICATION
14.2.2 UN-No.
14.2.3 PACKING GROUP
14.2.4 EMS
14.2.5 MARINE POLLUANT
14.2.6 ADDITIONAL DANGER

14.3 AIR TRANSPORT (ICAO-CODE/GGVSEE)

14.3.1 CLASSIFICATION
14.3.2 UN-No.
14.3.3 PACKING GROUP
14.3.4 SUBSIDIARY RISK

14.4 FURTHER INFORMATION None.

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

15.2 NATIONAL REGULATIONS

15.2.1 CLASSIFICATION IN ACCORDANCE WITH THE INDUSTRIAL SAFETY REGULATIONS (BETRSICHV)

15.3 TECHNICAL GUIDELINES AIR

15.4 WATER POLLUTION CLASS

15.5 CHEMICAL SAFETY ASSESSMENT

No indications.
Non combustible.
No indications.
No indications.
Water pollution class 1 (Self assessment): slightly hazardous for water.
A chemicals safety assessment has not been carried out.
16. OTHER INFORMATION

The aforementioned data correspond to our present state of knowledge and experience. The material safety data sheet serves as description of the products with regards to its necessary safety measures. The indications do not have the meaning of guarantees on properties.

ABBREVIATIONS AND ACRONYMS

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road (Accord européen sur le transport des marchandises dangereuses par Route)
AGW: Occupational Exposure Limit (Arbeitsplatzgrenzwert)
PBT/vPvB: Persistent, Bioaccumulative and Toxic/very Persistent and very Bioaccumulative
BGW: Biological Limit Value (Biologischer Grenzwert)
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging
EWC: European Waste Catalogue
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
IOELV: Indicative Occupational Exposure Limit Value
LD50: Lethal Dose 50.

Department issuing data specification sheet:
Zirkonzahn srl,
Via An der Ahr 7,
IT 39030 Gais