

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : MicroVue™ Bone Human FGF-23 (C-Term) EIA  
Product code : 60-6100  
Product group : Kit

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For research use only. Not for use in diagnostic procedures.  
Use of the substance/mixture : For professional users only.

##### 1.2.2. Uses advised against

Restrictions on use : Restricted to professional users.

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

##### Manufacturer

Quidel Corporation  
2005 East State Street, Suite 100  
45701 Athens - USA  
T 1.800.874.1517 - F 1.740.592.9820  
[gehs@quidelortho.com](mailto:gehs@quidelortho.com) - [quidel.com](http://quidel.com)

#### 1.4. Emergency telephone number

Emergency number : 1.866.519.4752

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

| Components                  | CLP classification                     |
|-----------------------------|--|
| ELISA Stop Solution (11 mL) | Skin Corr. 1, H314<br>Eye Dam. 1, H318 |


Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

| Components                  | Pictograms  | Signal word | Hazard statements                               | Precautionary statements   | Extra phrases                       |
|-----------------------------|---|-------------|---|--|-------------------------------------|
| ELISA Stop Solution (11 mL) |  | Danger      | H314 - Causes severe skin burns and eye damage. | P260 - Do not breathe fume/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P280 - Wear lab coat, safety glasses, and gloves.<br>P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 - Immediately call a POISON CENTER or doctor.<br>P321 - Specific treatment: Seek medical attention if ill effect develops<br>P405 - Store locked up.<br>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. | No additional information available |

### 2.3. Other hazards

Other hazards which do not result in classification : Ciprofloxacin (<0.1%) is used as a preservative in various components within this kit. Refer to kit specific package insert.  
 Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                        | Chemical name | CAS No<br>EC-No. | %      | CLP classification  |
|-----------------------------|---------------|------------------|--------|---------------------|
| ELISA Stop Solution (11 mL) | sulfuric acid | 7664-93-9<br>-   | ≤ 5.56 | Skin Corr. 1A, H314 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.  
 First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  
 First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  
 First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact : Burns.  
 Symptoms/effects after eye contact : Serious damage to eyes.  
 Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
 Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.  
 Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Materials for protective clothing:

Lab coat

#### Hand protection:

Wear protective gloves. Wash your hands

#### Eye protection:

Safety glasses

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
 Appearance : EIA Kit.  
 Colour : Colourless  
 Odour : Odorless  
 Odour threshold : No data available  
 pH : 3.1, ELISA HRP Substrate

|   |                                   |
|---|-----------------------------------|
| pH  | : 2.0, ELISA Stop Solution        |
| pH  | : Neutral, ELISA Wash Concentrate |
| Relative evaporation rate (butylacetate=1)      | : No data available               |
| Melting point                                   | : Not applicable                  |
| Freezing point                                  | : No data available               |
| Boiling point                                   | : No data available               |
| Flash point                                     | : No data available               |
| Auto-ignition temperature                       | : No data available               |
| Decomposition temperature                       | : No data available               |
| Flammability                                    | : Not applicable                  |
| Vapour pressure                                 | : No data available               |
| Relative vapour density at 20°C                 | : No data available               |
| Relative density                                | : No data available               |
| Solubility                                      | : No data available               |
| Partition coefficient n-octanol/water (Log Pow) | : No data available               |
| Viscosity, kinematic                            | : No data available               |
| Viscosity, dynamic                              | : No data available               |
| Explosive properties                            | : No data available               |
| Oxidising properties                            | : No data available               |
| Explosive limits                                | : No data available               |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |   |
|-----------------------------------|---|
| Acute toxicity (oral)             | : Not classified  |
| Acute toxicity (dermal)           | : Not classified  |
| Acute toxicity (inhalation)       | : Not classified  |
| Skin corrosion/irritation         | : Causes severe skin burns.<br>pH: 3.1 ELISA HRP Substrate  |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 3.1 ELISA HRP Substrate |
| Respiratory or skin sensitisation | : Not classified  |
| Germ cell mutagenicity            | : Not classified  |
| Carcinogenicity                   | : Not classified  |
| Reproductive toxicity             | : Not classified  |
| STOT-single exposure              | : Not classified  |

STOT-repeated exposure : Not classified  
 Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.  
 Hazardous to the aquatic environment, short-term (acute) : Not classified  
 Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

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

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
 Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
 Sewage disposal recommendations : Disposal must be done according to official regulations.  
 Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

#### 14.1. UN number

UN-No. (ADR) : Not applicable  
 UN-No. (IMDG) : Not applicable  
 UN-No. (IATA) : Not applicable  
 UN-No. (RID) : Not applicable

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
 Proper Shipping Name (IMDG) : Not applicable  
 Proper Shipping Name (IATA) : Not applicable  
 Proper Shipping Name (RID) : Not applicable

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

##### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : No                                     |
| Marine pollutant              | : No                                     |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)  
 Contains no substance(s) listed on the REACH Candidate List  
 Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### 15.1.2. National regulations

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

#### Germany

|  |  |
|--|--|
| Regulatory reference                       | : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1) |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)               |

#### Netherlands

|  |                                     |
|--|-------------------------------------|
| SZW-lijst van kankerverwekkende stoffen              | : None of the components are listed |
| SZW-lijst van mutagene stoffen                       | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding   | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling   | : None of the components are listed |

#### Denmark

|                             |   |
|-----------------------------|---|
| Danish National Regulations | : Young people below the age of 18 years are not allowed to use the product |
|-----------------------------|---|

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

| Indication of changes:                  |   |
|---|---|
| Regulatory Review. New EU SDS template. |   |
| Abbreviations and acronyms:             |   |
| ADN                                     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR                                     | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ATE                                     | Acute Toxicity Estimate   |
| BLV                                     | Biological limit value  |
| CAS No                                  | Chemical Abstract Service number  |
| CLP                                     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL                                    | Derived Minimal Effect level  |
| DNEL                                    | Derived-No Effect Level   |
| EC50                                    | Median effective concentration  |
| EC-No.                                  | European Community number   |
| EN                                      | European Standard   |
| IATA                                    | International Air Transport Association   |
| IMDG                                    | International Maritime Dangerous Goods  |
| LC50                                    | Median lethal concentration   |
| LD50                                    | Median lethal dose  |
| LOAEL                                   | Lowest Observed Adverse Effect Level  |
| NOAEC                                   | No-Observed Adverse Effect Concentration  |
| NOAEL                                   | No-Observed Adverse Effect Level  |
| NOEC                                    | No-Observed Effect Concentration  |
| OEL                                     | Occupational Exposure Limit   |
| PBT                                     | Persistent Bioaccumulative Toxic  |
| PNEC                                    | Predicted No-Effect Concentration   |
| REACH                                   | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                                     | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                                     | Safety Data Sheet   |
| vPvB                                    | Very Persistent and Very Bioaccumulative  |
| WGK                                     | Water Hazard Class  |

Other information : Please review product insert prior to using this product.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1 |
| H314                                | Causes severe skin burns and eye damage.      |
| H318                                | Causes serious eye damage.                    |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1         |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*