

**SECTION 1: Identification**
**1.1. Identification**

Product form : Mixture  
 Product name : Sofia RSV FIA  
 Product code : 20242, 20260, 20291, 20367

**1.2. Recommended use and restrictions on use**

Recommended use : For medical diagnostic use.  
 Restrictions on use : Professional Use of Medical Devices

**1.3. Supplier**
**Manufacturer**

Quidel Corporation  
 10165 McKellar Court  
 San Diego, CA 92121 - U.S.A  
 T 1.800.874.1517 - F 1.858.453.4338  
[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: Hazard(s) identification**
**2.1. Classification of the substance or mixture**
**GHS US classification**

| Components                                      | GHS US classification |
|---|-----------------------|
| Reagent Tube (Extraction Reagent - Lyophilized) | Eye Dam. 1, H318      |

**2.2. GHS Label elements, including precautionary statements**
**GHS US labeling**

| Components   | Pictograms  | Signal word | Hazard statements                | Precautionary statements  |
|--|---|-------------|----------------------------------|---|
| <b>Reagent Tube (Extraction Reagent - Lyophilized)</b> |  | Danger      | H318 - Causes serious eye damage | P280 - Wear lab coat, safety glasses, and gloves.<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. |

**SECTION 3: Composition/Information on ingredients**

| Name  | Chemical name                                     | CAS #      | %     | GHS US classification                         |
|---|---|------------|-------|---|
| Reagent Tube (Extraction Reagent - Lyophilized) | tetrasodium ethylenediaminetetracetate, dihydrate | 10378-23-1 | 1 – 5 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318 |

Extraction solution is shipped as a lyophilized pellet and has a concentration of 3.067% EDTA, Tetrasodium Salt Dihydrate (10378-23-1). At this concentration H318 (Causes serious eye damage, Category 1) is applicable. When rehydrated following proper instructions, the EDTA concentration is 0.639%. At this concentration, H319 (Causes serious eye irritation, Category 2A) is applicable.

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact : Wash skin with plenty of water.  
 First-aid measures after eye contact : Rinse eyes with water as a precaution.  
 First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

- Immediate medical attention and special treatment, if necessary : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam.

### 5.2. Specific hazards arising from the chemical

No additional information available

### 5.3. Special protective equipment and precautions for fire-fighters

- 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.

#### 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

- Environmental precautions : Avoid release to the environment.

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

- Methods for cleaning up : Mechanically recover the product.  
 Other information : Dispose of materials or solid residues at an authorized site.  
 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. Wear personal protective equipment.  
 Hygiene measures : 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 in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.  
 Environmental exposure controls : Avoid release to the environment.

**8.3. Individual protection measures/Personal protective equipment**

**Materials for protective clothing:**

Lab coat

**Hand protection:**

Protective gloves

**Eye protection:**

Safety glasses

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

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



**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                                  | : Solid             |
| Appearance                                      | : EIA Kit.          |
| Color   | : Not applicable    |
| Odor  | : Not applicable    |
| Odor threshold                                  | : No data available |
| pH  | : Neutral           |
| Melting point                                   | : No data available |
| Freezing point                                  | : Not applicable    |
| Boiling point                                   | : No data available |
| Flash point                                     | : Not applicable    |
| Relative evaporation rate (butyl acetate=1)     | : No data available |
| Flammability                                    | : Non flammable.    |
| Vapor pressure                                  | : No data available |
| Relative vapor 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 |
| Auto-ignition temperature                       | : Not applicable    |
| Decomposition temperature                       | : No data available |
| No data available Viscosity, kinematic          | : Not applicable    |
| Viscosity, dynamic                              | : No data available |
| Explosion limits                                | : Not applicable    |
| Explosive properties                            | : No data available |
| Oxidizing properties                            | : 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**

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

| <b>tetrasodium ethylenediaminetetracetate, dihydrate (10378-23-1)</b> |   |
|---|---|
| LD50 oral rat   | 1780 – 2000 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| ATE US (oral)   | 1780 mg/kg body weight  |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : 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

Viscosity, kinematic : Not applicable

**SECTION 12: Ecological information**
**12.1. Toxicity**

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

**12.2. Persistence and degradability**

| <b>tetrasodium ethylenediaminetetracetate, dihydrate (10378-23-1)</b> |                                     |
|---|-------------------------------------|
| Persistence and degradability   | Not readily biodegradable in water. |

**12.3. Bioaccumulative potential**

| <b>tetrasodium ethylenediaminetetracetate, dihydrate (10378-23-1)</b> |  |
|---|--|
| BCF - Fish [1]  | 1.8 (28 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimental value) |
| Bioaccumulative potential   | Low potential for bioaccumulation (BCF < 500).   |

**12.4. Mobility in soil**

No additional information available

**12.5. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**
**13.1. Disposal 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**
**Department of Transportation (DOT)**

Not regulated

**Transport by sea**

Not regulated

**Air transport**

Not regulated

**SECTION 15: Regulatory information**
**15.1. US Federal regulations**
**Sofia RSV FIA**

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

|   |                   |        |
|---|-------------------|--------|
| tetrasodium ethylenediaminetetracetate, dihydrate | CAS No 10378-23-1 | 1 – 5% |
|---|-------------------|--------|

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**15.2. International regulations**
**CANADA**
**tetrasodium ethylenediaminetetracetate, dihydrate (10378-23-1)**

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

**EU-Regulations**

No additional information available

**National regulations**

No additional information available

**15.3. US State regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

**SECTION 16: Other information**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**Indication of changes:**

Regulatory Review. Composition/Information on ingredients. Updated SDS template.

*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.*