

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

| | |
|--------------|---|
| Product form | : Mixture |
| Product name | : FreshCells and MixedCells |
| Product code | : Various |
| | : Refer to Section 16 for detailed list of product codes, product names, and product source descriptions. |

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 in vitro diagnostic use

1.2.2. Uses advised against

Restrictions on use : Professional Use of Medical Devices

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@quidel.com - 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]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

Other hazards which do not result in classification : Follow Universal Precautions when handling this component.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

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 or a doctor if you feel unwell. |

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

No additional information available

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.

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. 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.

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:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

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 |
| Colour | : No data available |
| Odour | : No data available |
| Odour threshold | : No data available |
| pH | : No data available |
| 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 (solid, gas) | : 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 | : Not classified |
| Serious eye damage/irritation | : Not classified |
| 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 | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| 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 / ADN

14.1. UN number

| | |
|---------------|-----------------|
| UN-No. (ADR) | : Not regulated |
| UN-No. (IMDG) | : Not regulated |
| UN-No. (IATA) | : Not regulated |
| UN-No. (ADN) | : Not regulated |

14.2. UN proper shipping name

| | |
|-----------------------------|-----------------|
| Proper Shipping Name (ADR) | : Not regulated |
| Proper Shipping Name (IMDG) | : Not regulated |
| Proper Shipping Name (IATA) | : Not regulated |
| Proper Shipping Name (ADN) | : Not regulated |

14.3. Transport hazard class(es)
ADR

| | |
|----------------------------------|-----------------|
| Transport hazard class(es) (ADR) | : Not regulated |
|----------------------------------|-----------------|

IMDG

| | |
|-----------------------------------|-----------------|
| Transport hazard class(es) (IMDG) | : Not regulated |
|-----------------------------------|-----------------|

IATA

| | |
|-----------------------------------|-----------------|
| Transport hazard class(es) (IATA) | : Not regulated |
|-----------------------------------|-----------------|

ADN

| | |
|----------------------------------|-----------------|
| Transport hazard class(es) (ADN) | : Not regulated |
|----------------------------------|-----------------|

14.4. Packing group

| | |
|----------------------|-----------------|
| Packing group (ADR) | : Not regulated |
| Packing group (IMDG) | : Not regulated |
| Packing group (IATA) | : Not regulated |
| Packing group (ADN) | : Not regulated |

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 regulated |
| Transport by sea | : Not regulated |
| Air transport | : Not regulated |
| Inland waterway transport | : Not regulated |

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 REACH substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

15.1.2. National regulations
Germany

| | |
|--|---|
| Regulatory reference | : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV) |
| Employment restrictions | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG) |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance) |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information
16.1 Product Information

| Product Code | Product Name | Product (cell line) source description |
|---|--------------------------------------|--|
| <u>FreshCells™ Singles Prefixes</u> [Products of human origin are indicated with asterisks (*) in table below.] | | |
| 42- | NHFL* | human neonatal lung |
| 43- | HEL* | human embryonic lung |
| 44- | MRHF8 | human foreskin fibroblast |
| 46- | pAGMK | primary African green monkey kidney |
| 47- | pCMK | primary Cynomolgus monkey kidney |
| 48- | pRK | primary rabbit kidney, New Zeal White |
| 49- | pRhMK | primary Rhesus monkey kidney |
| 50-076-00050 | RD cells, FV* | human rhabdomyosarcoma |
| 51- | MRC-5* | human embryonic lung fibroblast |
| 52- | CV-1 | African green monkey kidney |
| 53- | BGMK | Buffalo green monkey kidney |
| 54- | McCoy | mouse fibroblast |
| 55- | ELVIS® BHK | baby hamster kidney, genetically modified |
| 56- | A549* | human lung carcinoma |
| 57- | Hep-2* | human epidermoid carcinoma |
| 58- | Mv1Lu | mink lung |
| 59- | NCI-H292 | human pulmonary muco-epidermoid carcinoma |
| 62- | MNA | mouse neuroblastoma |
| 67- | Vero 76 | African green monkey kidney |
| 72- | HeLa* | human cervix adenocarcinoma |
| 74- | 293* | human kidney epithelial |
| 75- | HeLa 229* | human cervix adenocarcinoma |
| 76- | RD* | human rhabdomyosarcoma |
| 77- | Caco-2* | human colon adenocarcinoma |
| 78- | L-929 | mouse subq connective |
| 81- | CHO-K1 | Chinese hamster ovary |
| 83- | MDCK | Madin-Darby canine kidney |
| 84- | Vero | African green monkey kidney |
| 85- | WI-38* | human embryonic lung fibroblasts |
| 86- | LLC-MK2 | Rhesus monkey kidney |
| 87- | Hs27 (HFF)* | human foreskin fibroblast |
| 89- | BHK-21 | Baby hamster kidney, genetically modified |
| <u>MixedCells™ Prefixes</u> | | |
| 92- [Super E-Mix™] | A549* and BGMK-hDAF | human lung carcinoma and Buffalo green monkey kidney |
| 96- [R-Mix™] | A549* and Mv1Lu | human lung carcinoma and mink lung |
| 97- [R-Mix Too™] | A549* and MDCK | human lung carcinoma and Madin-Darby canine kidney |
| 98- [H&V-Mix™] | MRC-5* and CV-1 | human embryonic lung fibroblast and African green monkey kidney |
| <u>Product Code Suffixes</u> | | |
| ___-0101 | Shell-vial | ___-24xx Multi-well plate, 24-well size, ("xx" denotes number of wells filled) |
| ___-0102 | Shell-vial with coverslip | ___-48xx Multi-well plate, 48-well size, ("xx" denotes number of wells filled) |
| ___-0620EU | Tube, 13 mm diameter | ___-96xx Multi-well plate, 96-well size, ("xx" denotes number of wells filled) |
| ___-0600 | Tube, 16 mm diameter | ___-384xxx Multi-well plate, 384-well size, ("xxx" denotes wells filled) |
| ___-Txxx | Flask, ("xxx" denotes number of cm2) | |

C prefix = CITES; A suffix = SV5 and SV40 antisera or REF No. xx-309, where xx=format (14=tube, 15=shell-vial, 16=flask, 18=MWP)

| CellPro Product Name | CellPro Product Description | CellPro Product Code (prefix) |
|----------------------|--|-------------------------------|
| RK | Primary Rabbit Kidney (New Zeal White) | 101 |
| RMK | Primary Rhesus Monkey Kidney | 102 |
| RMKa | Primary Rhesus Monkey Kidney w/ SV5 & SV40 | 103 |
| A549 | Human Lung Carcinoma | 201 |
| BGMK | Buffalo Green Monkey Kidney | 202 |
| HEp-2 | Human Cervix Carcinoma | 203 |
| McCoy | Mouse Fibroblast | 204 |
| McCoy Lights | Mouse Fibroblast | 205 |
| MRC-5 | Human Lung Fibroblast | 206 |
| HFF | Human Foreskin Fibroblast | 207 |
| Vero | African Green Monkey Kidney | 208 |
| WI-38 | Human Lung Fibroblast | 209 |
| MDCK | Madin-Darby Canine Kidney | 210 |
| RD | Rhabdomyosarcoma, Embryonal, Human | 211 |
| Mv.1.LU | Mink Lung | 212 |
| HeLa | Human Epithelioid Cervical Carcinoma | 213 |
| CRFK | Cat Kidney, <i>Felis catus</i> | 214 |

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

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.