

SECTION 1: Identification**1.1. Identification**

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. 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
2005 East State Street, Suite 100
Athens, 45701 - 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: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

Not classified

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

No labeling applicable

2.3. Other hazards which do not result in classification

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

2.4. Unknown acute toxicity (GHS US)

Not applicable

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 HazCom 2012

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 (acute and delayed)

No additional information available

4.3. 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. Carbon dioxide.

5.2. Specific hazards arising from the chemical

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

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

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.

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

Skin and body protection:

Wear suitable protective clothing

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	: Liquid
Appearance:	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
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	: No data available
Decomposition temperature	: No data available
No data available Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
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**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 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	: No data available

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

No additional information available

12.3. Bioaccumulative potential

No additional information available

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

International Maritime Dangerous Goods (IMDG) : Not regulated

International Air Transport Association (IATA) : Not regulated

SECTION 15: Regulatory information
15.1. US Federal regulations

No additional information available

15.2. International regulations
CANADA

No additional information available

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

16.1 Product Information

Product Code	Product Name	Product (cell line) source description
<i>FreshCells™ Singles Prefixes [Products of human origin are indicated with asterisks (*) in table below.]</i>		
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

MixedCells™ Prefixes

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

Product Code Suffixes

___-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.

SDS US Quidel

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.