

**CellSave Preservative 100 Tubes**

Version	Revision Date:	SDS Number:	Date of last issue: 2017/08/02
1.38	2018/01/09	100000011151	Date of first issue: 2015/02/04

**SECTION 1. IDENTIFICATION**

Product name : CellSave Preservative 100 Tubes  
Substance name : CellSave Preservative 100 Tubes

**Manufacturer or supplier's details**

Company name of supplier : Menarini Silicon Biosystems, Inc

Address : 3401 Masons Mill Rd #100  
Huntingdon Valley, PA 19006  
USA

Telephone : 1 (800) 381-4929

E-mail address Responsible/issuing person : Us-info@siliconbiosystems.com

**Emergency telephone number** : **US: (303) 389-1805**  
**International:: +1 (303) 389-1805**

**Recommended use of the chemical and restrictions on use**

Recommended use : Assay reagent

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Skin sensitisation : Category 1

**GHS label elements**

Hazard pictograms : 

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.  
**Disposal:**

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P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Liquid

### Hazardous components

Chemical name	CAS-No.	Concentration (%)
IMIDUREA	39236-46-9	>= 30 - < 50

## SECTION 4. FIRST AID MEASURES

- If inhaled : If breathed in, move person into fresh air. Consult a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water. If symptoms persist, call a physician. Wash contaminated clothing before re-use.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.
- If swallowed : If swallowed, rinse mouth with water (only if the person is conscious). Call a physician immediately.
- Most important symptoms and effects, both acute and delayed : No information available.
- Notes to physician : Treat symptomatically.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire-fighting : No information available.
- Further information : No information available.

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Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : In the event of an accidental release the emergency response team must respond based on a risk assessment and use personal protective equipment as appropriate.

Environmental precautions : Should not be released into the environment.

Methods and materials for containment and cleaning up : Large spills: Dam up. Soak up with inert absorbent material. Keep in properly labelled containers.  
Small spills: Gently cover the spill with an absorbent towel or pad.  
Large spills + Small spills: Keep in suitable, closed containers for disposal. Treat recovered material as described in the section "Disposal considerations".

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : No data available

Advice on safe handling : To avoid thermal decomposition, do not overheat. Avoid inhalation, ingestion and contact with skin and eyes. Use personal protective equipment as required.

Conditions for safe storage : To maintain product quality, do not store in heat or direct sunlight. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up. Keep refrigerated.

Recommended storage temperature : 4 - 30 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Hazardous components without workplace control parameters

Components	CAS-No.
IMIDUREA	39236-46-9

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**Engineering measures** : All personal protective equipment should be based on a risk assessment. Consult a Environment Health Safety expert if necessary.

**Personal protective equipment**

**Respiratory protection** : Engineering controls should always be the primary method of controlling exposures. If respiratory protective equipment is needed for certain activities, the type as well as the corresponding protection factor will depend upon the risk assessment and air concentrations, hazards, physical and warning properties of substances present. No personal respiratory protective equipment normally required.

**Hand protection**

**Remarks** : Disposable gloves

**Eye protection** : No special precautions required.

**Skin and body protection** : No special precautions required.

**Protective measures** : The type of protective equipment must be selected based on the Environmental Health and Safety risk assessment. Consult a Environmental Health and Safety expert if necessary.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** : liquid

**Colour** : clear

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity** : None reasonably foreseeable.

**Chemical stability** : Stable under recommended storage conditions.

**Possibility of hazardous reactions** : No dangerous reaction known under conditions of normal use.

**Conditions to avoid** : To avoid thermal decomposition, do not overheat.

**Incompatible materials** : None known.

**Hazardous decomposition products** : None known.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

**Components:****IMIDUREA**

Acute oral toxicity : LD50 (Rat): 11,300 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5.5 mg/l  
Exposure time: 1 h

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

**Skin corrosion/irritation****Components:****IMIDUREA**

Result: No skin irritation

**Serious eye damage/eye irritation****Components:****IMIDUREA**

Result: No eye irritation

**Respiratory or skin sensitisation****Components:****IMIDUREA**

Method: Maximisation Test

Result: May cause sensitisation by skin contact.

Method: Local Lymph Node Assay (LLNA) in mice

Result: May cause sensitisation by skin contact.

**Germ cell mutagenicity****Components:****IMIDUREA**

Genotoxicity in vitro : Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Result: negative  
GLP: yes

: Test Type: Chromosome aberration test in vitro  
Metabolic activation: with and without metabolic activation

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Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mouse  
Application Route: Oral  
Result: negative

Germ cell mutagenicity - Assessment : No information available.

**Carcinogenicity****Components:****IMIDUREA**

Carcinogenicity - Assessment : No information available.

**Reproductive toxicity****Components:****IMIDUREA**

Teratogenicity - Assessment : No information available.

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Repeated dose toxicity****Components:****IMIDUREA**

Species: Rat

NOAEL: 200 mg/kg

LOAEL: 500 mg/kg

Application Route: Oral

Species: Rabbit

NOAEL: 200 mg/kg

Application Route: Dermal

**Aspiration toxicity**

No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****IMIDUREA**

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Toxicity to fish : Remarks: No data available

**Persistence and degradability****Components:****IMIDUREA**

Biodegradability : Remarks: No data available

**Bioaccumulative potential****Components:****IMIDUREA**

Bioaccumulation : Remarks: No data available

**Mobility in soil****Components:****IMIDUREA**

Distribution among environmental compartments : Remarks: No data available

**Other adverse effects****Product:**

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

**Components:****IMIDUREA**

Results of PBT and vPvB assessment : No information available.

Additional ecological information : No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : In accordance with National, Federal, State and Local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****49 CFR**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

**Clean Water Act**

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

DINATRIUMMONOHYD	7558-79-4	0.05 %
ROGEENFOSFAAT		

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

DINATRIUMMONOHYD	7558-79-4	0.05 %
ROGEENFOSFAAT		

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**US State Regulations****Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know**

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water	7732-18-5	50 - 70 %
IMIDUREA	39236-46-9	30 - 50 %
DINAEDTA	Not Assigned	1 - 5 %
DINATRIUMMONOHYDROGEENFOSFAAT	7558-79-4	0 - 0.1 %

**New Jersey Right To Know**

water	7732-18-5	50 - 70 %
IMIDUREA	39236-46-9	30 - 50 %
DINAEDTA	Not Assigned	1 - 5 %

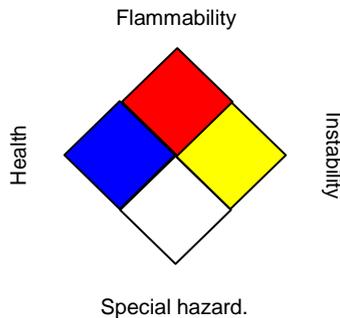
**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Other regulations** : Restricted to professional users.

**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	
<b>FLAMMABILITY</b>	
<b>PHYSICAL HAZARD</b>	

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date : 2016/11/22

**Date and Number Formats**

This document uses the following notation for printing dates and numbers:

<b>Date:</b>	Dec 31th, 2012	as	2012/12/31
<b>Numbers:</b>	123456,78	as	123,456.78

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the

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specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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