



**GENESIS FLUIDS LLC**

## **Safety Data Sheet RP-423**

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### **SECTION 1: Identification**

#### **1.1 GHS Product identifier**

Product name	RP-423
Brand	Genesis Fluids LLC

#### **1.3 Recommended use of the chemical and restrictions on use** Control of HTHP properties in non-aqueous fluids

#### **1.4 Supplier's details**

Name	Genesis Fluids LLC
Address	9701 N. Broadway Ext. Oklahoma City OK 73114 USA
Telephone	(405) 840-0434
email	hdearing@genesisfluids.com

#### **1.5 Emergency phone number**

CHEMTREC  
1-800-424-9300 / +1 703-527-3887 outside US

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### **SECTION 2: Hazard identification**

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

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

Not a hazardous substance or mixture.

#### **2.2 GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

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### 2.3 Other hazards which do not result in classification

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.

Skin contact: May cause irritation. Remove contaminated clothing and wash before reuse. Wash skin with soap and water.

Eye contact: May cause irritation. Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get medical attention if irritation occurs.

Ingestion: If person is conscious, immediately rinse mouth and give small amounts of water to drink.. Do not induce vomiting, unless directed by medical personnel. Get immediate medical attention if symptoms occur.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

##### 1. Proprietary mixture

Concentration 100 - 100 % (weight), Proprietary

#### Trade secret statement (OSHA 1910.1200(i))

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a doctor if irritation develops or persists. Wash contaminated clothing before reuse.  Rinse with plenty of water. Call a doctor if irritation develops or persists.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.  Rinse with plenty of water. Call a doctor if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell.

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Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

If swallowed

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Personal protective equipment for first-aid responders

Avoid contact with skin.

### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

None known. Treat symptomatically.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

None

### 5.3 Special protective actions for fire-fighters

Avoid stepping on spilled product due to slippage risk.

#### Further information

Use water spray to cool unopened containers.

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## SECTION 6: Accidental release measures

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

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

### 6.2 Environmental precautions

Do not let product enter drains. Harmful to aquatic life.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of properly.

#### Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

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Use personal protective equipment as required. Keep container closed when not in use.

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

Keep container closed when not in use.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: Exposure controls/personal protection

### 8.2 Appropriate engineering controls

Use in ventilated area.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Eye/face protection

No special protective equipment required for normal use. Safety glasses are recommended for industrial use if splash hazard exists.

#### Skin protection

Not required for normal product use.

#### Body protection

Wear protective clothing, including gloves and eye protection.

#### Respiratory protection

Not required under normal use conditions.

#### Thermal hazards

No data available.

#### Environmental exposure controls

Do not let product enter drains.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear amber liquid
Color	Amber
Odor	Paraffinic
Odor threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Not flammable

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Lower and upper explosion limit/flammability limit	LFL 1% (V) - UFL 6%(V)
Flash point	Greater than 200 deg F
Explosive properties	No data available
Auto-ignition temperature	Approximately 410 deg F
Decomposition temperature	No data available
pH	3% solution in water - 6.5
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Evaporation rate	No data available
Density and/or relative density	0.92
Relative vapor density	No data available

### Particle characteristics

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Avoid contact with strong oxidizing agents.

### 10.2 Chemical stability

Stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Incompatible products. Contact with strong oxidizing agents.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

None known.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

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### **Serious eye damage/irritation**

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### **Respiratory or skin sensitization**

No data available.

### **Germ cell mutagenicity**

No data available.

### **Carcinogenicity**

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### **Reproductive toxicity**

No data available.

### **Specific target organ toxicity (STOT) - single exposure**

No data available.

### **Specific target organ toxicity (STOT) - repeated exposure**

No data available.

### **Aspiration hazard**

No data available.

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## **SECTION 12: Ecological information**

### **Toxicity**

Harmful to aquatic life

### **Persistence and degradability**

No data available on product

### **Bioaccumulative potential**

No data available on product

### **Mobility in soil**

No data available on product

### **Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### **Endocrine disrupting properties**

Not data available on product.

### **Other adverse effects**

No data available.

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## **SECTION 13: Disposal considerations**

### **Disposal methods**

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### Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

### Packaging disposal

Dispose of as unused product.

### Waste treatment

None required.

### Sewage disposal

Not recommended. Toxic to aquatic life.

### Other disposal recommendations

None.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

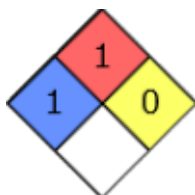
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### HMIS Rating

RP-423	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### NFPA Rating



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## SECTION 16: Other information

Version 1.0 of Genesis RP-423 SDS

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Genesis Fluids LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Genesis Fluids LLC has been advised of the possibility of such damages.