

GENESIS FLUIDS LLC

Safety Data Sheet RP-524



SECTION 1: Identification

1.1 GHS Product identifier

Product name	RP-524
Product number	24-OBM-02
Brand	Genesis Fluids

1.2 Other means of identification

Proprietary amidoamine

1.3 Recommended use of the chemical and restrictions on use

Emulsifier for non-aqueous drilling 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

SECTION 2: Hazard identification

General hazard statement

None known.

2.1 Classification of the substance or mixture

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

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1A
- Flammable liquids, Cat. 4
- Aspiration hazard, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictograms

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1. Exclamation mark; 2. Health hazard

Signal word

Warning

Hazard statement(s)

H315
H319
H317
H227
H304

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Combustible liquid
May be fatal if swallowed and enters airways

Precautionary statement(s)

P302+P352
P332+P313
P362+P364
P305+P351+P338

IF ON SKIN: Wash with plenty of water and gentle hand soap.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Avoid breathing dust/fume/gas/mist/vapors/spray.
If skin irritation or rash occurs: Get medical advice/attention.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Wear protective gloves/eye protection/face protection.
In case of fire: Use water spray or mist, CO₂, dry chemical, or foam to extinguish.
Store in a well-ventilated place.

P337+P313
P261
P333+P313
P210
P280
P370+P378

P403+P235

2.3 Other hazards which do not result in classification

None known.

Statement regarding ingredients of unknown toxicity

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Amidoamine (PROVISIONAL)

Concentration >= 40 - <= 55 % (weight)
CAS no. *

2. Distillates (Fischer-Tropsch), C8-26 - Branched and Linear

Concentration >= 10 - <= 20 % (weight)
CAS no. 848301-67-7

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3. Glycol Ethers

Concentration
CAS no.

$\geq 5 - \leq 15$ % (weight)
*

Trade secret statement (OSHA 1910.1200(i))

* Considered to be a trade secret

There are no additional ingredients present which, with the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Not expected to be a health hazard when used under normal conditions.
If inhaled	If affected by breathing vapor, remove individual to fresh air. If breathing is difficult, get medical attention.
In case of skin contact	Remove contaminated clothing and wash affected skin areas with mild soap and water. If skin irritation is severe or continues, get medical attention. Wash contaminated clothing prior to reuse.
In case of eye contact	Immediately flush eyes with clean water for at least 15 minutes and get medical attention.
If swallowed	Contact physician or poison control center. Never give anything by mouth if victim is unconscious. Induce vomiting only on advice of physician.

4.2 Most important symptoms/effects, acute and delayed

None known.

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

Not applicable.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water spray or mist, carbon dioxide, dry chemical, and foam

5.2 Specific hazards arising from the chemical

No special procedures needed.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Remove all unnecessary personnel and ventilate area. If irritating fumes are present consider evacuation of enclosed areas. Utilize personal protective equipment as indicated in section 8 of this safety data sheet (SDS).

6.2 Environmental precautions

Keep run off out of municipal sewers and open bodies of water.

6.3 Methods and materials for containment and cleaning up

Contain spill and salvage as much material as possible by pumping to a salvage tank or drum. Pick up remaining material with a suitable absorbent.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep container closed when not in use. Wash contaminated clothing prior to re-wearing. If exposure from splashing possible, wear an impervious apron and goggles. Wear chemical resistant gloves. Avoid contact with eyes, skin, and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store at normal warehouse temperatures and conditions.

Incompatible with strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Safety shower/eye bath.

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

Pictograms



Eye/face protection

Safety glasses or chemical splash goggles.

Skin protection

Wear chemical resistant gloves, clothing, and footwear.

Body protection

Follow normal protections followed for mixing materials.

Respiratory protection

If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under CFR 29 1910.134.

Thermal hazards

None known.

Control banding approach

Not applicable.

Environmental exposure controls

None needed.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear amber liquid
Color	Amber
Odor	Mild
Odor threshold	Not available.
Melting point/freezing point	<10 deg F (-12 deg C)
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Non-flammable
Lower and upper explosion limit/flammability limit	Not available.
Flash point	>212 deg F (>100 deg C)
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	Not available.
Kinematic viscosity	82 cSt
Solubility	Not soluble in water
Partition coefficient n-octanol/water (log value)	Not available.
Vapor pressure	Not available.
Evaporation rate	Not available.
Density and/or relative density	0.95
Relative vapor density	Not available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None determined.

10.5 Incompatible materials

Strong oxidizers.

10.6 Hazardous decomposition products

Carbon dioxide, carbon monoxide, and various hydrocarbons may be released during a fire.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

Prolonged or repeated contact with the undiluted product can cause severe skin irritation.

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Serious eye damage/irritation

Will cause moderate to severe eye irritation.

Respiratory or skin sensitization

Breathing vapors at elevated temperatures may cause respiratory irritation.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) - single exposure

High concentrations may cause central nervous system depression resulting in headaches, dizziness, and nausea.

Specific target organ toxicity (STOT) - repeated exposure

Not applicable.

Aspiration hazard

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bio accumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Endocrine disrupting properties

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of only at licensed and certified chemical waste disposal facility. Dispose of only by methods approved by and used in accord with local, state, and federal regulations.

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Packaging disposal

Since empty containers can contain remaining product, dispose of packaging after removal of product in an approved manner.

Waste treatment

Follow waste treatment methods as recommended by a chemical waste professional.

Sewage disposal

Do not dispose of in municipal sewage systems.

SECTION 14: Transport information

DOT (US)

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

IATA

Not regulated as a dangerous good.

SECTION 15: Regulatory information

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

Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: Glycol Ethers

New Jersey Right To Know Components

Common name: GLYCOL ETHERS

CAS number: (none)

Pennsylvania Right To Know Components

Chemical name: GLYCOL ETHERS

CAS number: (none)

US EPA TSCA public inventory

Chemical name: Distillates (Fischer-Tropsch), C8-26 - Branched and Linear

CAS number: 848301-67-7

US EPA TSCA confidential inventory

TSCA generic name: Amidoamine (PROVISIONAL)

Accession number: P990272; PMN number: 135423

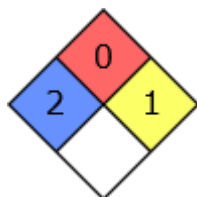
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HMIS Rating

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HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	2
PERSONAL PROTECTION	X

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.