



Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200

Issue date August 28, 2022

Reviewed on August 28, 2022

Trade Name: G96 Bio-RBC

1 Product and Company Identification

- **Product Identifier**
- **Trade name:** G96 Bio-RBC
- **Product Number:** -
- **NSN:** -
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Rifle Bore Cleaning Solvent
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
G96 Products, Inc.
85 5th Ave Bldg 6
Paterson, NJ 07524
973-684-4050 ph
973-684-3848 fx
- **Emergency telephone number:** Chemtrec 1-800-424-9300 or outside USA 1-703-527-3887

2 Hazard(s) identification

- **Classification of the substance or mixture:**



GHS07 Exclamation

| | | |
|-------------------|------|--------------------------------|
| Skin Irritation 2 | H315 | Causes skin irritation. |
| Eye Irritation 2a | H319 | Causes serious eye irritation. |



GHS08 Health Hazard

| | | |
|---------------------|------|---|
| Aspiration Hazard 1 | H304 | May be fatal if swallowed and enters airways. |
|---------------------|------|---|

| | | |
|--------------------|------|---------------------|
| Flammable Liquid 4 | H227 | Combustible liquid. |
|--------------------|------|---------------------|

- **Label elements:**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07 GHS08

- **Signal Word:** Danger



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• Hazard statements:

H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

• Precautionary statements:

P210 Keep away from flames and hot surfaces.-No smoking.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye protection.
P321 Specific treatment (see FIRST AID section on this label).
P403+235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of container in accordance with local regulations.

P301+310+331 IF SWALLOWED: Immediately call a poison control center. Do NOT induce vomiting.

P302+352 IF ON SKIN: Wash with plenty of water.

P332+313 If skin irritation occurs: Get medical advice.

P362+364 Take off contaminated clothing and wash it before reuse.

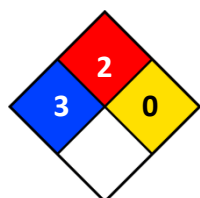
P370+378 IN CASE OF FIRE: Use water, sand, carbon dioxide, or other suitable fire extinguisher to extinguish.

• Unknown acute toxicity:

This value refers to knowledge of known, established toxicological or ecotoxicological values.

0.00% of the mixture consists of component(s) of unknown toxicity.

• **Classification system:** NFPA/HMIS® III Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

• NFPA ratings (scale 0 – 4)

HEALTH = 3
FIRE = 2
REACTIVITY = 0

• HMIS® III ratings (scale 0 – 4)

| | | |
|-----------------|---|---------------------|
| HEALTH | 3 | Health = 3 |
| FIRE | 1 | Fire = 1 |
| PHYSICAL HAZARD | 0 | Physical Hazard = 0 |

• **Hazard(s) not otherwise classified (HNOC):** None known



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3 Composition/information on ingredients

• Chemical characterization: Mixtures**• Description:** Mixture of substances listed below without non-hazardous additions.

| • Dangerous Components: | | |
|--------------------------------|---|--------|
| CAS: 29911-27-1 | 2-Propanol, 1-(1-methyl-2-propoxyethoxy)-  Eye Irritation 2A, H319; Acute Tox 4 (oral) H302 | 10-20% |
| CAS: 64742-94-5 | Heavy aromatic solvent naphtha (petroleum)  Aspiration Hazard 1, H304 | 10-20% |
| CAS: 1336-21-6 | Ammonium Hydroxide  Skin Corrosive 1, H314 | 1-5% |

• Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of 29 CFR 1910.1200 and in accordance with the Hazard Communication Standard definition of Trade Secrets.

4 First-aid measures

• Description of first aid measures:**• General information:** Have SDS or product label on hand when seeking medical attention.**• After inhalation:** Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist. In case of unconsciousness, place patient stably in side position for transportation.**• After skin contact:** Wash with soap and water.**• After eye contact:** Rinse opened eye for several minutes under running water. Call a doctor if irritation persists or if experience severe pain from exposure.**• After swallowing:** Do not induce vomiting unless instructed to do so by a medical professional. Rinse mouth with water.**• Information for doctor:** None known.**• Most important symptoms and effects, both acute and delayed:** No further relevant information available.**• Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5 Fire-fighting measures

• Extinguishing media:**• Suitable extinguishing agents:** CO₂, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.**• For safety reasons, unsuitable extinguishing agents:** No further relevant information available.**• Special hazards arising from the substance or mixture:** None known.**• Advice for firefighters:****• Protective equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures

• Personal precautions, protective equipment, and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

• Environmental precautions:

Do not allow to enter sewage or other waterways.



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• Methods and material for containment and cleaning up:

Dispose of contaminated material as waste according to section 13. Ensure adequate ventilation. Dispose of the collected material according to regulations.

• Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

• Handling

• Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

• Information about protection against explosions and fires: Mixture is considered combustible.

• Conditions for safe storage, including any incompatibilities:

• Storage

• Requirements to be met by storerooms and receptacles: Store in a cool location in original container

• Information about storage in one common storage facility: Not determined.

• Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well-sealed receptacles. Protect from heat and direct sunlight.

• Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data, see section 7.

• Control parameters:

• Components with occupational exposure limits:

The following constituents are the only constituents of the product which have a PEL, TLV, or other recommended exposure limit.

At this time, the remaining constituents have no known exposure limits.

| | |
|---|----------------------------------|
| 29911-27-1 2-Propanol, 1-(1-methyl-2-propoxyethoxy)- | |
| PEL | Long-term value: Not Determined |
| REL | Short-term value: Not Determined |
| TLV | Long-term value: Not Determined |
| | Short-term value: Not Determined |
| | Long-term value: Not Determined |
| 64742-94-5 Heavy aromatic solvent naphtha (petroleum) | |
| PEL | Long-term value: Not Determined |
| REL | Short-term value: Not Determined |
| TLV | Long-term value: Not Determined |
| | Short-term value: Not Determined |
| | Long-term value: Not Determined |
| 1336-21-6 Ammonium Hydroxide | |
| PEL | Long-term value: Not Determined |
| REL | Short-term value: Not Determined |
| TLV | Long-term value: Not Determined |
| | Short-term value: Not Determined |
| | Long-term value: Not Determined |



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- **Additional information:** The lists that were valid during the creation of this SDS were used as a basis.
- **Exposure controls:** Not determined.
- **Personal protective equipment:** Not determined.
- **General protective and hygienic measures:** Remove all soiled and contaminated clothing and wash it before reuse. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.
- **Breathing equipment:** In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.
- **Protection of hands and eyes:** Personal protective equipment is always recommended for safe use of product. Eye protection and gloves should be used when handling product.

9 Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance:

Form: Liquid

Color: Yellow

- **Odor:** Not determined
- **Odor threshold:** Not determined
- **pH-value:** Not determined

Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

- **Flash point:** 153.5°F
- **Flammability (solid, gaseous):** Not determined
- **Ignition temperature:** Not determined
- **Decomposition temperature:** Not determined
- **Auto ignition temperature:** Not determined
- **Danger of explosion:** Not determined

Explosion limits:

Lower: Not determined

Upper: Not determined

- **Vapor pressure @ 20°C:** Not determined
- **Density:** Not determined
- **Relative density:** Not determined
- **Vapor density:** Not determined
- **Evaporation rate:** Not determined
- **Solubility in water:** Slightly miscible
- **Partition coefficient:** Not determined
- **Viscosity:**
 - Dynamic:** Not determined
 - Kinematic:** Not determined
- **Solvent content:**
 - Organic solvents:** Not determined
 - VOC content:** Not determined
- **Other information:** No further relevant information available



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10 Stability and reactivity

- **Reactivity:** Stable under normal conditions.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity:**
- **Acute Toxicity Estimates:**
- **Oral Acute Toxicity Estimate for mixture:** >2,000 mg/kg bw
- **Dermal Acute Toxicity Estimate for mixture:** Not calculated – Not considered to be toxic
- **Inhalation Acute Toxicity Estimate for mixture:** Not calculated – Not considered to be toxic

- **Primary irritant effect:**
- **On the skin:** Severe skin irritation might occur based on level of exposure.
- **On the eye:** May cause severe eye irritation based on level of exposure.
- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Skin Irritant, Eye Irritant, Aspiration Hazard.

- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.
- **NTP (National Toxicology Program):**
None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.

12 Ecological information

- **Toxicity:**
- **Aquatic toxicity:**
Not hazardous to environment
- **Aquatic Toxicity Estimates:**
- **Toxicity to Fish estimate for mixture:** >10 mg/L (category 3)
- **Toxicity to Crustacea estimate for mixture:** Not hazardous to environment
- **Toxicity to Algae estimate for mixture:** Not hazardous to environment
- **Persistence and degradability:** Not determined.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** Not determined.
- **Mobility in soil:** Not determined.
- **Ecotoxicological effects:**
- **Remark:** Not hazardous to environment
- **Additional ecological information:**
- **General notes:** Not hazardous to environment



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Results of PBT and vPvB assessment:

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods:**
- **Recommendation:** Observe all federal, state, and local environmental regulations when disposing of this material.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN number:** LIMITED QUANTITY IF UNDER 5 L
NA1993
- **UN proper shipping name:** LIMITED QUANTITY IF UNDER 5 L
Combustible Liquid, n.o.s.
Dipropylene Glycol Monoether (1-(3-Methoxypropoxy)propan-1-ol) Mixture
- **Transport hazard class(es):**
- **DOT:**
- **Class:** 3 Combustible Liquid



- **Label:**
- **Packaging Group:** III
- **Limited Quantity Exceptions:** <5 L
- **Marine pollutant:** No (category 3)

-
- **IATA:**
 - **Class:** NOT A REGULATED MIXTURE
 - **Label:** NOT A REGULATED MIXTURE
 - **Packaging Group:** NOT A REGULATED MIXTURE
 - **Limited Quantity Exceptions:** NOT A REGULATED MIXTURE
 - **Marine pollutant:** No (category 3)

-
- **IMDG:**
 - **Class:** NOT A REGULATED MIXTURE
 - **Label:** NOT A REGULATED MIXTURE
 - **Packaging Group:** NOT A REGULATED MIXTURE
 - **Limited Quantity Exceptions:** NOT A REGULATED MIXTURE
 - **Marine pollutant:** No (category 3)

-
- **Transport in bulk in accordance with Annex II of MARPOL 73/78 and IBC** Not applicable



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15 Regulatory information

• **Safety, health, and environmental regulations/legislation specific for the substance or mixture:**

• **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

• **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

• **TSCA (Toxic Substances Control Act):**

All ingredients are listed as ACTIVE.

• **California Proposition 65:**

• **Chemicals known to cause cancer:**

None of the ingredients are listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

• **Carcinogenic categories:**

• **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

• **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients are listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

• **GHS label elements:**

The product is classified and labeled according to the Globally Harmonized System (GHS).

• **Hazard pictograms:**



GHS07 GHS08

• **Signal Word:** Danger

• **Hazard statements:**

H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

• **Precautionary statements:**

P210 Keep away from flames and hot surfaces.-No smoking.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye protection.
P321 Specific treatment (see FIRST AID section on this label).
P403+235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of container in accordance with local regulations.



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P301+310+331 IF SWALLOWED: Immediately call a poison control center. Do NOT induce vomiting.

P302+352 IF ON SKIN: Wash with plenty of water.

P332+313 If skin irritation occurs: Get medical advice.

P362+364 Take off contaminated clothing and wash it before reuse.

P370+378 IN CASE OF FIRE: Use water, sand, carbon dioxide, or other suitable fire extinguisher to extinguish.

• **National Regulations:** This product is subject to be classified according with the latest version of the regulations on hazardous substances.

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

• **Date of preparation/last revision:** August 28, 2022

• **SDS Authored By:** Cogwork Consulting Group, LLC., www.cogworkconsulting.com