



## MATERIAL SAFETY DATA SHEET

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### 1. Product and Company Identification

Product name : GenBody COVID-19 Ag (incl. Azide solution)  
[COVAG025]

Application of the Product: Clinical Laboratory Application

Manufacturer/Supplier : GENBODY INC.

3-18, Eopsung 2-gil, Seobuk-gu, Cheonan, Chungnam, 31077 Korea

TEL: 82-41-523-8990

FAX: 82-41-523-8991

### 2. Composition/Information on Ingredients

Name	CAS#	% by weight	Exposure Limits
Sodium azide	26628-22-8	<1.00%	-

### 3. Hazards Identification

<b>Physical State and Appearance</b>	: Liquid.
<b>Emergency</b>	: No specific hazard.
<b>Routes of Entry</b>	: Absorbed through skin. Inhalation. Ingestion.
<b>Skin Contact</b>	: Irritation of the product in case of skin contact: Not available. Sensitization of the product: Not available.
<b>Aggravating conditions</b>	: Repeated or prolonged exposure is not known to aggravate medical condition.
<b>Potential Chronic Health Effects</b>	: <u>Carcinogenic effects</u> : Classified None. by OSHA, None. by NIOSH [Bovine Serum Albumin]. Classified None. by NIOSH [Sodium Phosphate (dibasic)]. Classified None. by NIOSH [Magnesium Nitrate]. Classified None. by NIOSH [Sodium Chloride]. Classified None. by NIOSH [Sodium Phosphate (monobasic)]. <u>Mutagenic effects</u> : Not available. <u>Teratogenic effects</u> : Not available.
<b>Overexposure /Signs/Symptoms</b>	: Not available
<b>See Toxicological Information (section 11)</b>	

### 4. First Aid Measures

<b>Inhalation</b>	: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything mouth to an unconscious person. If large quantities of this material are



swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Eye Contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water at least 15 minutes. Cold water may be used. Get medical attention.

## 5. Fire-Fighting Measures

### Extinguishing Media

**Suitable** : Not applicable. Use an extinguishing agent suitable for surrounding fires.

**Flammability of the Product** : Non-flammable.

**Autoignition Temperature** : Not applicable.

**Flash Points** : Not applicable.

**Flammable Limits** : Not applicable.

**Fire Hazards in Presence of Various Substances** : Not applicable.

**Explosion Hazards in Presence of Various Substances** : Not considered as a product presenting risks of explosion.

**Special Remarks on Fire Hazards** : Not available.

## 6. Accidental Release Measures

**Environmental Precautions and Clean-up Methods** : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Small Spill and Leak** : Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

## 7. Handling and Storage

**Handling** : Avoid breathing vapors or spray mists.

**Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8. Exposure controls and Personal protection

**Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

### Personal protective equipment

**Skin and Body** : Lab coat.

**Hands** : Gloves.



Eyes : Safety glasses.  
Feet : Not applicable

Personal Protection in : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not  
Case of a Large Spill be sufficient; consult a specialist BEFORE handling this product.

Consult local authorities for acceptable exposure limits.

## 9. Physical and Chemical Properties

Physical state : Liquid.  
Color : Colorless.  
Odor : Not available.  
Odor Threshold : Not available.  
Taste : Not available.  
Molecular Weight : Not applicable.  
Molecular Formula : Not applicable.  
pH :: Neutral  
Boiling Point : The lowest known values is 100°C (212°F)(water)  
Melting Point : May start to solidify at 0°C (32°F) based on data for: water.  
Critical Temperature : The lowest known value is 374.3°C(705.7°F)(water).  
Vapor Pressure : The highest known value is 3.2 kPa (23.8 mmHg) (at 20°C)  
Volatility : 0%(w/w). (water). Weighted average: 0%(w/w).  
VOC : -90°C(%).  
Evaporation rate : 0.36 (water) compared to (n-butyl acetate= 1).  
Specific Gravity : Not available.  
Solubility : Easily soluble in cold water, hot water, methanol, acetone.  
Ionicity (in Water) : Amphoteric. (water).  
Dispersion Properties : See solubility in water, methanol, acetone.  
Physical Chemical Comments : Not available.

## 10. Stability and Reactivity

Stability : The product is stable.  
Hazardous Decomposition Products : Not applicable.  
Hazardous Polymerization : Will not occur.  
Explosion Hazards in Presence of Various Substances : Not considered as a product presenting risks of explosion.

## 11. Toxicological information

Chronic Effects on Humans : Carcinogenic effects: Classified None. by OSHA, None. by NIOSH [Bovine Serum Albumin]. Classified None. by NIOSH [Sodium Phosphate (dibasic)]. Classified None. by NIOSH [Magnesium Nitrate]. Classified None. by NIOSH [Sodium Chloride]. Classified None. by NIOSH [Sodium Phosphate (monobasic)].  
Other Toxic Effects on Human : No specific information is available in our database regarding the other toxic effects of this material for humans.  
Special Remarks on Toxicity to Animals : Not available.



special Remarks on Chronic : Not available.  
Effects on Humans

Special Remarks on Other Toxic : Not available.  
Effects on Humans

## 12. Ecological information

BOD and COD : Not available.  
Biodegradable/OECD : Not available.  
Mobility : Not available.  
Products of Degradation : Not available.  
Toxicity of the products of Biodegradation : Not available.  
Special Remarks on the Products of Biodegradation : Not available.

## 13. Disposal considerations

Methods of disposal; Waste of residues; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.  
Waste Stream : Not available.  
Consult your local or regional authorities.

## 14. Transport information

DOT regulations :  
Hazard class : - None hazard  
Land Transport ADR/RID (cross-border)  
ADR. RID class : -  
Maritime transport IMDG :  
IMDG Class : - None hazard  
Marine pollutant : No  
Air transport ICAO-TI and IATA-DGR : None hazard  
ICAO/IATA Class : - None hazard

## 15. Regulations

Chemicals known to cause cancer:  
None of the ingredients is listed.  
Chemicals known to cause reproductive toxicity:  
None of the ingredients is listed  
Carcinogenicity categories  
EPA (Environmental Protection Agency):  
None of the ingredients is listed  
IARC (International Agency for Research on Cancer):  
None of the ingredients is listed  
NTP (National Toxicology Program) :  
None of the ingredients is listed



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

None of the ingredients is listed

**MAK(German Maximum Workplace Concentration) :**

None of the ingredients is listed

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

None of the ingredients is listed

**OSHA-Ca(Occupational Safety & Health Administration) :**

None of the ingredients is listed

**Hazard-determining components of labelling :**

sodium azide

**Risk phrases:**

Harmful if swallowed

**safety phrases:**

This material and its container must be disposed of in a safe way.

Wear suitable protective clothing.

If swallowed, seek medical advice immediately and show this container or label.

**National regulations:**

**Water hazard class:** Generally not hazardous for water.

## 16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guideline of GENBODY INC. shall not be held liable for any damage resulting from handling or from contact with above product. Final determination of suitability of any material is the sole responsibility of user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that are the only hazards that exist.