# SAFETY DATA SHEET

Date Created: April 5, 2016 Revision: 3 Supersedes Revision: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product Identifiers

Product name : **DONKEY IGG SOLUTION >= 97% PURITY**

SKU : **D60**

Brand : **Equitech-Bio, Incorporated**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant Identified uses** : In Vitro Diagnostic Research, Laboratory Reagents, and technical uses only.

### 1.3 Details of the supplier of the safety data sheet

Company : **Equitech-Bio, Incorporated**
**512 Cotton Gin Lane**
**Kerrville, TX 78028**
**USA**

Telephone : **(830) 257-0005**

Fax : **(830) 257-0006**

### 1.4 Emergency telephone number

Emergency Phone # : **(830) 739-0830**

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Respiratory sensitization (Category 1), H334

For the full text of the H-Statements mentioned in this Section, see Section 16.

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### 2.2 GHS Label elements, including precautionary statements

Pictogram 

Signal word: Danger

Hazard statement(s)

| | |
|---|---|
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |

**Precautionary statement(s)**

| | |
|---|---|
| P261 | Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. |
| P285 | In case of inadequate ventilation wear respiratory protection. |
| P304 + P341 | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P342 + P311 | If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| P501 | Dispose of contents/ container to an approved waste disposal plant. |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Synonyms : Donkey IgG solution >= 97% purity

No ingredients are hazardous according to OSHA criteria.
No components need to be disclosed according to the applicable regulations.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**
Wash off with soap and plenty of water.

**In case of eye contact**
Flush eyes with water as a precaution.

**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water.

**4.2 Most important symptoms and effects, both acute and delayed**
The most important known symptoms and effects are described in the labeling (section 2.2) and/or in section 11.

**4.3 Indication of any immediate medical attention and special treatment needed**
No data available

## 5. FIREFIGHTING MEASURES

**5.1 Extinguishing media**

**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**
Nature of decomposition products not known.

**5.3 Advice for firefighters**
Wear self-contained breathing apparatus for fire-fighting if necessary.

**5.4 Further information**
No data available

## 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**
Avoid dust formation. Avoid breathing vapors, mist or gas.
For personal protection see section 8.

**6.2 Environmental precautions**
Do not let product enter drains.

**6.3 Methods and materials for containment and cleaning up**
Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections.**
For disposal see section 13.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**
Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: For long term storage, store frozen at -20°C ± 5°C.

Avoid repeated freezing and thawing.

**7.3 Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**

**Components with workplace control parameters**
Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Appropriate engineering controls**
General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate standards such as NIOSH (US) or EN 166 (EU)**.**

**Skin protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

**Control of environmental exposure**

Do not let product enter drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | | |
|---|---|---|
| a) | Physical state | Liquid |
| b) | Appearance/Color | Amber |
| c) | Odor | No information available |
| d) | Odor Threshold | No information available |
| e) | pH | 7.2 ± 0.2 |
| f) | Melting Point/Range | No information available |
| g) | Initial boiling point and Boiling range | No information available |
| h) | Flash point | No information available |
| i) | Evaporation Rate | No information available |
| j) | Flammability(solid, gas) | No information available |
| k) | Upper/lower flammability Or explosive limits | No information available |
| l) | Vapor pressure | No information available |
| m) | Vapor density | No information available |
| n) | Relative density | No information available |
| o) | Solubility | No information available |

| | | |
|---|---|---|
| p) | Partition coefficient: Noctanol/water | No information available |
| q) | Auto-ignition temperature | No information available |
| r) | Decomposition Temperature | No information available |
| s) | Viscosity | No information available |
| t) | Explosive properties | No information available |
| u) | Oxidizing properties | No information available |

**9.2 Other safety information**
No data available

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity**
None known, based on information available

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

**10.3 Possibility of hazardous reactions**
No information available

**10.4 Conditions to avoid**
No information available

**10.5 Incompatible materials**
Strong oxidizing agents

**10.6 Hazardous decomposition products**
None under normal processing

## 11. TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**

**Acute toxicity**
No information available

Inhalation: no information available

Dermal: no information available

**Skin corrosion/irritation**
No information available

**Serious eye damage/eye irritation**
No information available

**Respiratory or skin sensitization**
No information available

**Germ cell mutagenicity**
No information available

**Carcinogenicity**

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

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

**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 information available

**Specific target organ toxicity- Single exposure** No information available

**Aspiration hazard** No information available

**Additional Information** No information available

| | |
|---|---|
| **RTECS** | No information available |

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

| | | |
|---|---|---|
| **12.1** | **Toxicity** | No information available |
| **12.2** | **Persistence and degradability** | No information available |
| **12.3** | **Bioaccumulative potential** | No information available |
| **12.4** | **Mobility in soil** | No information available |
| **12.5** | **Results of PBT and vPvB assessment** | No information available |
| **12.6** | **Other adverse effects** | No information available |

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste Disposal Methods**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORATION INFORMATION

| | |
|---|---|
| **DOT (US)** | Not dangerous goods \| not regulated |
| **IMDG** | Not dangerous goods \| not regulated |
| **IATA** | Not dangerous goods \| not regulated |

## 15. REGULATORY INFORMATION

**SARA 302 COMPONENTS**

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

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**SARA 313 Components**
SARA 313: 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.

**SARA 311/312 Hazards**
No SARA Hazards

**Texas Right To Know Components**

| | CAS – No. | Revision date |
|---|---|---|
| Donkey IgG solution >= 97% purity | - | |

**California Prop. 65**
This product does not contain any Proposition 65 chemicals.

**U.S. Department of Transportation**

| | |
|---|---|
| Reportable Quantity (RQ): | N |
| DOT Marine Pollutant | N |
| DOT Severe Marine Pollutant | N |

**U.S. Department of Homeland Security**
This product does not contain any DHS chemicals.

**Other International Regulations**

**Mexico – Grade** No information available

**Canada**
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**WHMIS Hazard Class** Non-controlled

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## 16. OTHER INFORMATION

**Prepared By**

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**Revision Date:** April 5, 2016
**Print Date:** April 5, 2016

**Revision Summary**

This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910, 1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Disclaimer**

**The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated any may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Equitech-Bio, Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.equitech-bio.com for additional terms and conditions of sale.**