

## 1. Identification of the substance/preparation and company:

**Product Information:** Panodyne COVID-19 Antibody Rapid Test Kit  
**Manufacturer:** Multibrands International Ltd  
**Address:** Royds Hall, Royds Hall Lane, Bradford, BD12 0EJ, England  
**Tel number:** +44 (0) 1274 307310  
**Fax number:** +44 (0) 1274 307966  
**Report No. :** RT2020050230511  
**Received Date :** 2020-1-2  
**Redact Period :** 2020-1-2 to 2021-1-2  
**Regulatory Requirements :** As requested by the applicant, the Material Safety Data Sheet is prepared according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev\_6.

## 2. Hazards identifications:

### Hazard Class(GHS):

This product does not belong to dangerous goods, no hazard classification.

### Pictograms:

Not applicable

### Signal word:

Not applicable

### Hazard description:

Not applicable

### Precautionary description:

**P280:** Wear protective gloves/protective clothing/eye protection/face protection.

## 3. Composition / information on ingredients:

The difference between the single product and mixture: Single

| Substance name              | Conc. (%) | CAS.       |
|-----------------------------|-----------|------------|
| Deionized water             | 98.00     | 7732-18-5  |
| Sodium chloride             | 0.80      | 7647-14-5  |
| Disodium hydrogen phosphate | 0.60      | 7558-79-4  |
| TWEEN-20                    | 0.40      | 9005-64-5  |
| Sodium phosphate monobasic  | 0.05      | 13472-35-0 |

**4. First aid measures:**

General advice: Immediate medical attention is required. Show this safety data sheet (MSDS) to the doctor in attendance.

**Following eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call consult a physician if feeling uncomfortable.

**Following skin contact:**

Such as contact with the skin, rinse with water. Immediately call consult a physician if feeling uncomfortable.

**Following inhalation:**

Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention immediately.

**Following ingestion:**

If it is ingested, rinse the mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If you feel uncomfortable, seek medical attention immediately.

**5. Firefighting measures:****Hazardous Characteristics:**

Not considered to be a fire hazard. Not easily ignited by fire.

**Extinguishing Media:**

Dry powder, Chemical foam, Carbon dioxide, water mist.

**Firefighting procedures:**

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Extinguish fire in a safe distance with enough protection. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Hazardous combustion products:**

None

## 6. Accidental release measures:

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

Avoid contact with eyes.

Evacuate personnel to safe areas.

Keep people away from upwind of spill/leak.

Wear appropriate protective measures (SEE SECTION 8).

### Environmental precautions:

This product has no hazard to the environment. Don't discard in the surrounding environment without government permission.

### Cleaning method:

Remove by liquid absorbing material (e.g. kieselguhr) . Adhered or collected material should be promptly disposed of. Disposal of discarded waste/pollutants refers to SECTION 13.

## 7. Safe handling and storage:

### Handling Notes:

Keep away from heat and fire.

Keep indoor ventilation or local exhaust device.

### Storage Notes:

Keep away from heat, hot surfaces and other ignition sources.

Store in a well-ventilated place. Keep cool.

Stored in compatible containers.

Keep storage containers sealed.

Do not store with incompatible material (see section 10.2)

## 8. Exposure controls / personal protection:

### Occupational Exposure Limit:

No information found

### Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

### Respiratory Protection:

Wear filter mask.

**Eyes Protection:**

Wear protective goggle in working time.(Comply with the European Union EN 166 or The U.S. NIOSH standard.)

**Hands Protection:**

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374 (EU), US F739 or AS/NZS 2161.1 standard.

**Sanitary Measure:**

Forbid smoking, Washing hands after handling products.

## 9. Physical and chemical properties:

|  |                     |
|--|---------------------|
| <b>Appearance and Color</b>                | Light yellow liquid |
| <b>Odour</b>                               | Odorless            |
| <b>PH value</b>                            | 7.0-8.5             |
| <b>Flammability</b>                        | Non flammable       |
| <b>Density(g/cm<sup>3</sup>)</b>           | 1.0                 |
| <b>Relative steam density (air = 1)</b>    | No Data             |
| <b>Vapor pressure(MPa)</b>                 | No Data             |
| <b>Octanol/water partition coefficient</b> | No Data             |
| <b>Viscosity (mPa/s)</b>                   | No Data             |
| <b>Flash point (°C,Closed cup)</b>         | Not applicable      |
| <b>Boiling point (°C)</b>                  | No Data             |
| <b>Freezing point (°C)</b>                 | No Data             |
| <b>Evaporation rate (kg/s)</b>             | No Data             |
| <b>UEL %(V/V)</b>                          | Not applicable      |
| <b>LEL %(V/V)</b>                          | Not applicable      |
| <b>Auto-ignition temperature(°C)</b>       | Not applicable      |
| <b>Decomposition temperature(°C)</b>       | Not applicable      |
| <b>Solubility</b>                          | Miscible with water |

**10. Stability and reactivity:****Stability:**

Stable under recommended storage and handling conditions (See section 7).

**Material for avoiding:**

Strong oxide, acid and alkali.

**Contact conditions for avoiding:**

High temperature.

**Hazardous decomposition products:**

None

**11. Toxicological information:****Acute toxicity:**

No information found.

**Skin corrosion/irritation:**

No information found.

**Serious eye damage/irritation:**

Powder contact with eyes causes irritation.

**Respiratory or skin sensitisation:**

No information found.

**Germ cell mutagenicity:**

No information found.

**Carcinogenicity:**

No information found.

**Reproductive toxicity:**

No information found.

**STOT-single exposure:**

No information found.

**STOT-repeated exposure:**

No information found.

**Aspiration hazard.:**

No information found.

## 12. Ecological information:

**Ecotoxicity:**

This product does not contain special materials. According to the environmental protection laws, this product can't be poured into sewers or drainage ditches, can't be discarded in those places which would affect soil and underground water.

**Persistence and degradability:**

No data available.

**Bioaccumulative potential:**

No data available.

**Mobility in soil:**

No data available.

**Other adverse effects:**

No data available

## 13. Disposal considerations:

**13.1 Handling method for waste:**

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

**13.2 Handling method for uncleaned packaging:**

According to official regulations.

## 14. Transport information:

**UN NO.:**

Not classified

**Class:**

Not classified

**Packaging group:**

Not classified

**Technical name:**

Not classified

**Label:**

Notclassified. (prohibitionwith antioxidant and food chemical mixed stowage,transit should prevent sun、 rain and high temperature.)

**Attention Notes:**

THE CONSIGNMENT IS NOT CLASSIFIED AS DANGEROUS UNDER THE 59TH EDITION OF THE IAT A DANGEROUS GOODS REGULATIONS AND ALL APPLICABLE CARRIER AND GOVERNMENTAL RE GULATIONS

**15. Regulatory information:**

Hazardous chemicals catalog

International maritime dangerous goods code

Dangerous Goods Number Of United Nations

Technical Instructions for the Safe Transport of Dangerous Goods by Air

Classification and code of dangerous goods

Occupational Safety and Health Act (OSHA)

The principle of classification of transport packaging groups of dangerous goods

Globally Harmonized System of Classification and Labelling of Chemicals In accordance with all local laws.

**16. Other information:**

The information in this Material Safety Data Sheet was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss,damage or expense arising out of or in any way connected with the handling,storage,use or disposal of the product. This MSDS was prepared and is to be used only for this product.This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. SECTION