

YESU SAFETY DATA SHEET

(In accordance with COMMISSION REGULATION(EU) No 453/2010)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product code: A00114-A-200

Product name: A33Plex STR Detection Kit/ YESU A33Plex STR Detection Kit

Chemical Name: Not Applicable

Reach registration number: No registration number is given yet for this substance/ substances in this mixture since the annual import quantity is less than one tonnage per annum or the transition period for its registration according to Article 23 of REACH has not yet expired.

Relevant identified uses of the substance or mixture and uses advised against.

Relevant identified uses: For Research Use Only. Not For Use In Diagnostic Procedures.

Use Description Code: Not Available.

Uses advised against: Not for consumer use.

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Jiangsu Superbio Biomedical (Nanjing) Co.,Ltd.

Room 1501, Block A, Zhongdan Ecological Life Science Industrial Park, No.3-1, New Jinhu Road, Jiangbei New District, Nanjing, Jiangsu, China.

Email: gaozhiyong@superbio.cn

Country specific Emergency Number(if available):

CHEMTREC Ireland(Dublin) +(353)-19014670(Greeting Language: English and Irish)

CHEMTREC UK(London) +(44)-870-8200418(Greeting Language: English)

SECTION 2: Hazards identification

Classification of the substance or mixture: Classification according to Regulation(EC) No 1272/2008[CLP]

Physical hazards: Not Hazardous

Health hazards : Not Hazardous

Environmental Hazards: Not Hazardous

Additional information : Not Applicable

Label elements : Labelling according to Regulation(EC) No 1272/2008[CLP]

Hazard pictograms: None

Signal word:None

Hazard Statements:Not Applicable

EU Specific Hazard Statements:Not applicable

Precautionary Statements

Prevention :Not Applicable

Response :Not Applicable

Storage :Not Applicable

Disposal: Not Applicable

Other hazards :This mixture does not contain any substances that are assessed to be a PBT or a vPvB

SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4: First aid measures

Description of first aid measures

Skin contact: Rinse with plenty of water. Immediate medical attention is not required.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

INGESTION: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Inhalation: Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Notes to Physician: Treat symptomatically.

Most important symptoms and effects, both acute and delayed: Not Applicable

Indication of any immediate medical attention and special treatment needed: None.

SECTION 5: Firefighting measures

Extinguishing media

Suitable Extinguishing Media: Water spray. Carbon dioxide(CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media: No information available.

Special hazards arising from the substance or mixture: Not known.

Advice for fire-fighters: Standard procedure for chemical fires.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

Environmental precautions

No special environmental precautions required.

Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

See section 8 for more information.

SECTION 7: Handling and storage

Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers

Specific end use(s)

For Research Use Only. Not For Use In Diagnostic Procedures.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Exposure controls

Personal protection equipment

Respiratory protection: In case of insufficient ventilation, wear respirators and components tested and approved under appropriate government standards.

Hand Protection: Wear suitable gloves. Glove material: Compatible chemical - resistant gloves.

Eye protection: Tight sealing safety goggles.

Skin and body protection: Wear suitable protective clothing.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls: No special environmental precautions required.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| Item | Description |
|--|--|
| Appearance | Lyophilized Microspheres |
| Odour | no data available |
| pH | No data available |
| Melting point / melting range | ℃ Mixture has not been tested; ℉ Mixture has not been tested |
| Boiling point / boiling range | ℃ Mixture has not been tested; ℉ Mixture has not been tested |
| Flash point | ℃ Mixture has not been tested; ℉ Mixture has not been tested |
| Autoignition temperature | ℃ Mixture has not been tested; ℉ Mixture has not been tested |
| Decomposition temperature | ℃ Mixture has not been tested; ℉ Mixture has not been tested |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper explosion limit | Mixture has not been tested |
| Lower explosion limit | Mixture has not been tested |
| Vapour Pressure | Mixture has not been tested |
| Relative density | Mixture has not been tested |
| Specific gravity | No data available |
| Solubility | no data available |
| Partition coefficient: n-octanol/water | No data available |
| Explosive properties | Mixture has not been tested |
| OTHER INFORMATION | No data available |

SECTION 10: Stability and reactivity

| Item | Description |
|------------------------------------|---|
| Reactivity | None known. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous reaction has not been reported. |
| Conditions to Avoid | No information available. |
| Incompatible Materials | No dangerous reaction known under conditions of normal use. |
| Hazardous decomposition products | No data available. |

SECTION 11: Toxicological information

Information on toxicological effects

There is no evidence available indicating acute toxicity.

Principal Routes of Exposure, Potential health effects

| Irritation | Conclusive but not sufficient for classification |
|-------------|--|
| Corrosivity | Conclusive but not sufficient for classification |

| | |
|------------------------|--|
| Sensitisation | Conclusive but not sufficient for classification |
| STOT - Single Exposure | Conclusive but not sufficient for classification |
| Carcinogenicity | Conclusive but not sufficient for classification |
| Mutagenicity | Conclusive but not sufficient for classification |
| Reproductive toxicity | Conclusive but not sufficient for classification |
| Aspiration Hazard | Conclusive but not sufficient for classification |

SECTION 12: Ecological information

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects

No information available.

SECTION 13: Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport information

IATA/ ADR/DOT-US/IMDG

Not regulated in the meaning of transport regulations.

| UN Number | Not applicable |
|------------------------------|----------------|
| UN proper shipping name | Not applicable |
| Transport hazard class(es) | Not applicable |
| Packing group | Not applicable |
| Environmental Hazards | Not applicable |
| Special precautions for user | Not applicable |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

- Substances of Very High Concern: None.

- Restricted substances under EC 1907/2006, Annex XVII: None.
- Substances listed under Annex I of Regulation (EC) No 689/2008: None.
- Restricted substances under Annex V of Regulation (EC) No 689/2008: None.
- Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC: None.
- German Water hazard classes (Wassergefährdungsklassen): Not classified.
- Other International Inventories: No information available
- Chemical Safety Assessment: No Chemical safety assessment has been carried out.

SECTION 16: Other information

Reason for revision, Revision number, Revision date

Update according to Commission Regulation (EU) No 453/2010.; Revision number: 3; Revision date: 14-Apr-2020

References

- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>
- eChemPortal: <http://www.echemportal.org/>
- LOLIdatabase: <https://www.chemadvisor.com/loli-database>

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008[CLP]

Not classified

Other statements

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.