

Safety Data SheetTitle: **Solution A SDS**

Document #: SDS-0020 / Revision. B

Status: Current; Effective Date: 11 MAY 2020

SAFETY DATA SHEET**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY IDENTIFICATION****1.1 Product identifier**

Product Name Solution A

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

Identified uses Research-Use Only, Laboratory chemical

1.3 Details of the supplier of the safety data sheetManufacturer Phase Scientific International Limited
32/F, Gravity, 29 Hing Yip Street,
Hong Kong
Phone: 852-3892-7200**1.4 Emergency telephone number**Emergency Number +1 (657) 233-5880 [US]
+852 3892 7200 [Hong Kong]**Section 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

GHS Classification

Signal Word None

2.2 Label elementsHazard pictograms None
Health hazards Not hazardous
physical hazards Not hazardous
Environmental hazards Not hazardous
Hazard Statements Not applicable

Precautionary Statements

Prevention Not applicable
Response Not applicable
Storage Not applicable
Disposal Not applicable**2.3 Other hazards**

Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Single substance or mixture:**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Safety Data Sheet

Title: **Solution A SDS**

Document #: SDS-0020 / Revision. B

Status: Current; Effective Date: 11 MAY 2020

Section 4: FIRST AID MEASURES

4.1 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.

Note to Physician

Treat symptomatically

Most important symptoms and effects, both acute and delayed

Not applicable

Section 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical

Unsuitable extinguishing media

No information available

5.2 Special hazards arising from the substance or mixture

Not known

5.3 Advice for firefighters

Standard procedure for chemical fires.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 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.

6.2 Environmental precautions

No special environmental precautions required.

Safety Data Sheet

Title: **Solution A SDS**

Document #: SDS-0020 / Revision. B

Status: Current; Effective Date: 11 MAY 2020

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Limits

Contains no substances with occupational exposure limit values

Engineering measures

Ensure adequate ventilation, especially in confined areas

8.2 Exposure controls

Personal protective 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

Control of environmental exposure

No special environmental precautions required.

Safety Data SheetTitle: **Solution A SDS**

Document #: SDS-0020 / Revision. B

Status: Current; Effective Date: 11 MAY 2020

PHASESCIENTIFIC

相達生物科技

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Odour	No data available
pH	6-8
Melting point	Mixture has not been tested
Boiling point	Mixture has not been tested
Flash point	Mixture has not been tested
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	Mixture has not been tested
Vapour density	Mixture has not been tested
Vapour pressure	Mixture has not been tested
Relative density	Mixture has not been tested
Solubility	No data available
Partition coefficient (n-octanol/water)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Mixture has not been tested
Other information	No data available

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity	None known
10.2 Possibility of hazardous reactions	Hazardous reaction has not been reported
10.3 Chemical stability	Stable under normal conditions
10.4 Conditions to avoid	No data available
10.5 Incompatible materials.	No dangerous reaction known under conditions of normal use
10.6 Hazardous decomposition products	No data available

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	There is no evidence available indicating acute toxicity
Skin irritation/corrosion	Conclusive but not sufficient for classification
Respiratory or skin sensitization	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
STOT-single exposure	Conclusive but not sufficient for classification
STOT-repeated exposure	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

Safety Data SheetTitle: **Solution A SDS**

Document #: SDS-0020 / Revision. B

Status: Current; Effective Date: 11 MAY 2020

Section 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

12.2 Persistence and degradability

No data available

12.3 Bio-accumulative potential

No data available

12.4 Results of PBT and vPvB assessment

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

12.5 Other adverse effects

No data available

Section 13: DISPOSAL CONSIDERATIONS**13.1 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.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packaging group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

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

Not applicable

Section 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****US Federal Regulations****SARA 313**

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs

US State Regulations**California Proposition 65**

Safety Data Sheet

Title: **Solution A SDS**

Document #: SDS-0020 / Revision. B

Status: Current; Effective Date: 11 MAY 2020

This product does not contain any Proposition 65 chemicals

WHMIS Hazard Class

Non-controlled

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

Section 16: OTHER INFORMATION

References

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

Further information

This information is based on our present knowledge. The information given is designed only as a guidance for safe handling and is not to be considered a warranty or quality specification. All materials and mixtures may present unknown hazards and should be used with caution.

DISCLAIMER: For R&D use only. Not for drug, household or other uses.