## Section 1: Identification

Product identifier

| Product name | SNAP-Surface Alexa Fluor 546 |
| :--- | :--- |
| Product No | S9132 |

Other means of identification

| Synonyms | None |
| :---: | :---: |
| Pure substance/mixture | Mixture |
| Formula | C53 H55 C13 N9 Na O12 S3 |
| Molecular weight | 1235.6 |
| Recommended use of the chemical and restrictions on use |  |
| Recommended use | This product is for research and development only. |
| Uses advised against | No information available. |
| Details of manufacturer or importer |  |
| Supplier <br> New England BioLabs (Australia) Pty Ltd 22/270 Ferntree Gully Road Notting Hill, VIC 3168 |  |
| For further information, please contact |  |
| Contact Point | Product Safety Department |
| E-mail address | info.au@neb.com |
| Emergency telephone number |  |
| Company Phone Number | 978-927-5054, 800-632-5227 (toll free) |
| 24 Hour Emergency Phone Number | Chemtrec +65 31638374 |
| Australian Poisons Information: | 131126 |

## Section 2: Hazard(s) identification

GHS Classification
Not classified

## Label elements

## Hazard statements

Not classified

Other hazards which do not result in classification
No information available.

## Section 3: Composition and information on ingredients

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

| Non-hazardous ingredients | Proprietary | Balance |
| :--- | :--- | :--- |

## Section 4: First aid measures

## Description of first aid measures

| Inhalation | Remove to fresh air. |
| :--- | :--- |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. <br> Consult a physician. |
| Skin contact Wash skin with soap and water. <br> Ingestion Rinse mouth. <br> Most important symptoms and effects, both acute and delayed  |  |
| Symptoms No information available. <br> Indication of any immediate medical attention and special treatment needed  <br> Note to physicians Treat symptomatically. |  |

## Section 5: Firefighting measures

## Suitable extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire
CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

## Special exposure hazards in a fire

Specific hazards arising from the No information available. chemical

## Protective equipment and precautions for firefighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. precautions for fire-fighters Use personal protection equipment.

## Section 6: Accidental release measures

## Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

## For emergency responders Use personal protection recommended in Section 8.

## Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

## Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

## Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

## Section 7: Handling and storage

## Precautions for safe handling

## Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

## Conditions for safe storage, including any incompatibilities

| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| :--- | :--- |
| Incompatible materials | None known based on information supplied. |

## Section 8: Exposure controls and personal protection

## Control parameters

## Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

## Appropriate engineering controls

| Engineering controls | Showers <br> Eyewash stations <br> Ventilation systems. |
| :--- | :--- |
| Individual protection measures, such as personal protective equipment |  |, | Eye/face protection | No special protective equipment required. |
| :--- | :--- |
| Skin and body protection | No special protective equipment required. |
| Respiratory protection | No protective equipment is needed under normal use conditions. If exposure limits are <br> exceeded or irritation is experienced, ventilation and evacuation may be required. |
| Environmental exposure controls | No information available. |
| Thermal hazards | No information available. |

## Section 9: Physical and chemical properties

Information on basic physical and chemical properties

| Physical state | Powder |  |
| :---: | :---: | :---: |
| Appearance | Colorless |  |
| Color | No information available |  |
| Odor | Mild. |  |
| Odor threshold | No information available |  |
| Property | Values | Remarks • Method |
| pH | No data available | None known |
| Melting point / freezing point | No data available | None known |
| Initial boiling point and boiling range | No data available | None known |
| Flash point | No data available | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air |  | None known |
| Upper flammability or explosive limits | No data available |  |
| Lower flammability or explosive limits | No data available |  |
| Vapor pressure | No data available | None known |
| Vapor density | No data available | None known |
| Relative density | No data available | None known |
| Water solubility | No data available | None known |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Other information |  |  |
| Molecular weight | 1235.6 |  |
| VOC content | No information available |  |
| Particle characteristics | No information available |  |

## Section 10: Stability and reactivity

## Reactivity

Reactivity No information available.

## Chemical stability

Stability
Stable under normal conditions.

```
Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.
```

Possibility of hazardous reactions
Possibility of hazardous reactions None under normal processing.
Conditions to avoid
Conditions to avoid None known based on information supplied.
Incompatible materials
Incompatible materials None known based on information supplied.
Hazardous decomposition products
Hazardous decomposition products None known based on information supplied.

## Section 11: Toxicological information

## Acute toxicity

## Information on likely routes of exposure

## Product Information

Inhalation Specific test data for the substance or mixture is not available.
Eye contact Specific test data for the substance or mixture is not available.
Skin contact Specific test data for the substance or mixture is not available.
Ingestion Specific test data for the substance or mixture is not available.
Symptoms No information available.

## Numerical measures of toxicity - Product Information

No information available
The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 99,999.0000000000 mg/kg
ATEmix (dermal) 99,999.0000000000 mg/kg
ATEmix (inhalation-gas) 99,999.0000000000 ppm
ATEmix (inhalation-vapor) 99,999.0000000000 mg/l
ATEmix (inhalation-dust/mist) 99,999.0000000000 mg/l

See section 16 for terms and abbreviations

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

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 | No information available. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

## Section 12: Ecological information

## Ecotoxicity

Aquatic ecotoxicity
Unknown aquatic toxicity

The environmental impact of this product has not been fully investigated.
$100 \%$ of the mixture consists of component(s) of unknown hazards to the aquatic environment.

There is no data for this product.

## Terrestrial ecotoxicity

Persistence and degradability
Persistence and degradability No information available.

## Bioaccumulative potential

Bioaccumulation

Mobility
Mobility
No information available.
Other adverse effects
Other adverse effects

## Section 13: Disposal considerations

## Waste treatment methods

## Waste from residues/unused products

## Contaminated packaging

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Do not reuse empty containers.

## See section 8 for more information

## Section 14: Transport information

| ADG | Not regulated |
| :--- | :--- |
| IATA | Not regulated |
| IMDG | Not regulated |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

## Section 15: Regulatory information

## Regulatory information

## National regulations

## Australia

See section 8 for national exposure control parameters
Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated

Australian Industrial Chemicals Introduction Scheme (AICIS)
Contact supplier for inventory compliance status
Illicit Drug Precursors/Reagents
This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

| International Inventories |  |  |
| :--- | :--- | :--- |
| AIIC |  |  |
| NZIoC |  | Contact supplier for inventory compliance status. |
| TSCA |  | Contact supplier for inventory compliance status. |
| DSL/NDSL |  | Contact supplier for inventory compliance status. |
| EINECS/ELINCS |  | Contact supplier for inventory compliance status. |
| ENCS |  | Contact supplier for inventory compliance status. |
| IECSC |  | Contact supplier for inventory compliance status. |
| KECL |  | Contact supplier for inventory compliance status. |
| PICCS |  |  |

Legend:
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

## International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable
The Stockholm Convention on Persistent Organic Pollutants Not applicable
The Rotterdam Convention Not applicable

## Section 16: Other information

| Prepared by | Environmental, Health and Safety <br> $978-927-5054$ |
| :--- | :--- |
|  |  |
| Revision date | $27-N o v-2023$ |
| Revision note | SDS is valid 3 years from revision date. Contact info@neb.com for latest revision |
| $* * *$ Indicates updated data since last publication. |  |

Key or legend to abbreviations and acronyms used in the safety data sheet
Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| :--- | :--- | :--- | :--- |
| Ceiling | Maximum limit value | $*$ | Skin designation |
| C | Carcinogen |  |  |

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
Australian Industrial Chemicals Introduction Scheme (AICIS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

## Disclaimer

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> End of Safety Data Sheet

