

1.1. Product identifier

SAFETY DATA SHEET

according to Regulation UK SI 2019/758 and UK SI 2020/1577 as amended

Revision Date 21-Mar-2024

Revision Number 3

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

| Product Description: Cat No. : Molecular Formula | <u>Water Spiking Standard A (WSS-A)</u> 35422 Matrix: 5% HN O3 | | |
|--|---|--|--|
| Unique Formula Identifier (UFI) | S3YP-X6QC-5X01-8YCQ | | |
| 1.2. Relevant identified uses of the | substance or mixture and uses advised against | | |
| Recommended Use Uses advised against | Laboratory chemicals. No Information available | | |
| 1.3. Details of the supplier of the sa | fety data sheet | | |
| Company | Avocado Research Chemicals Ltd. (Part of Thermo Fisher Scientific) Shore Road, Heysham Lancashire, LA3 2XY, United Kingdom Office Tel: +44 (0) 1524 850506 Office Fax: +44 (0) 1524 850608 | | |
| E-mail address | begel.sdsdesk@thermofisher.com | | |
| 1.4. Emergency telephone number | For information US call: 001-800-227-6701 / Europe call: +32 14 57 52 11 Emergency Number US :001-201-796-7100 / Europe: +32 14 57 52 99 CHEMTREC Tel. No. US :001-800-424-9300 / Europe: 001-703-527-3887 | | |
| Poison Centre - Emergency information services | Ireland : National Poisons Information Centre (NPIC) - 01 809 2166 (8am-10pm, 7 days a week) Malta : +356 2395 2000 Cyprus : +357 2240 5611 | | |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Physical hazards

Substances/mixtures corrosive to metal

Category 1 (H290)

Health hazards

Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation

Environmental hazards

Based on available data, the classification criteria are not met

Full text of Hazard Statements: see section 16

2.2. Label elements



Signal Word

Danger

Hazard Statements

H290 - May be corrosive to metals

H314 - Causes severe skin burns and eye damage

Precautionary Statements

P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

2.3. Other hazards

This product does not contain any known or suspected endocrine disruptors

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| Component | CAS No | EC No | Weight % | CLP Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567 |
|---------------------------|-----------|-----------|----------|--|
| Water | 7732-18-5 | 231-791-2 | 95.00 | - |
| Nitric acid …% [C ≤ 70 %] | 7697-37-2 | 231-714-2 | 5.00 | Ox. Liq. 3 (H272) Met. Corr. 1 (H290) Acute Tox. 3 (H331) Skin Corr. 1A (H314) Eye Dam. 1 (H318) (EUH071) |

| Component | Specific concentration limits | M-Factor | Component notes |
|-----------|-------------------------------|----------|-----------------|
| | | | |

Water Spiking Standard A (WSS-A)

| | (SCL's) | | |
|---------------------------|--------------------------------|---|---|
| Nitric acid …% [C ≤ 70 %] | Ox. Liq. 2 :: C>=99% | - | - |
| | Ox. Liq. 3 :: 65%<=C<99% | | |
| | Acute Tox. 1 (inhal) :: C>=70% | | |
| | Acute Tox. 3 (inhal) :: | | |
| | 70%>C>=26.5% | | |
| | Acute Tox. 4 (inhal) :: | | |
| | 26.5%>C>=13.25% | | |
| | Skin Corr. 1A :: C>=20% | | |
| | Skin Corr. 1B :: 5%<=C<20% | | |
| | Met. Corr. 1 :: C>=2% | | |
| | EUH071 :: C>=20% | | |

Note

Elements and concentrations in ug/ml are as follows:

Ag 5, Be 5, Cd 5, Co 50, Cu 25, Fe 100, Mn 50, Ni 50, Pb 50, Tl 200, Zn 50 (balance is water)

| Component | ECHA (RAC) ATE (Oral) | ECHA (RAC) ATE (Dermal) | ECHA (RAC) ATE (Inhalation) |
|---------------------------|-----------------------|-------------------------|-----------------------------|
| Nitric acid …% [C ≤ 70 %] | - | - | ATE = 2.65 mg/L (vapours) |

Full text of Hazard Statements: see section 16

SECTION 4: FIRST AID MEASURES

| General Advice | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. |
|------------------------------------|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required. |
| Skin Contact | Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Call a physician immediately. |
| Ingestion | Do NOT induce vomiting. Clean mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately. |
| Inhalation | If not breathing, give artificial respiration. Remove from exposure, lie down. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician immediately. |
| Self-Protection of the First Aider | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. |
| 4.2. Most important symptoms and | d effects, both acute and delayed |
| | Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation |
| 4.3. Indication of any immediate m | nedical attention and special treatment needed |
| Notes to Physician | Treat symptomatically. |
| | |

4.1. Description of first aid measures

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

CO₂, dry chemical, dry sand, alcohol-resistant foam.

Extinguishing media which must not be used for safety reasons No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. The product causes burns of eyes, skin and mucous membranes.

Hazardous Combustion Products

None under normal use conditions.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Should not be released into the environment. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Use only under a chemical fume hood. Do not breathe mist/vapors/spray. Do not ingest. If swallowed then seek immediate medical assistance.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Corrosives area. Keep containers tightly closed in a dry, cool and well-ventilated place.

Technical Rules for Hazardous Substances (TRGS) 510 Class 8B

ALFAA35422

Storage Class (LGK) (Germany)

7.3. Specific end use(s)

Use in laboratories

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits

List source(s): **EU** - Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC **UK** - EH40/2005 Work Exposure Limits, Fourth edition. Published 2020. **IRE** - 2021 Code of Practice for the Chemical Agents Regulations, Schedule 1. Published by the Health and Safety Authority

| Component | The United Kingdom | European Union | Ireland |
|---------------------------|------------------------------------|-------------------------------------|------------------------------------|
| Nitric acid …% [C ≤ 70 %] | STEL: 1 ppm 15 min | STEL: 1 ppm (15min) | STEL: 1 ppm 15 min |
| | STEL: 2.6 mg/m ³ 15 min | STEL: 2.6 mg/m ³ (15min) | STEL: 2.6 mg/m ³ 15 min |

Biological limit values

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

Derived No Effect Level (DNEL) / Derived Minimum Effect Level (DMEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Engineering Measures

Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

| Personal protective equ Eye Protection | | (European standard | I - EN 166) | | |
|---|---|----------------------|-----------------------|---|--|
| Hand Protection | Protectiv | ve gloves | | | |
| Glove material Natural rubber Nitrile rubber Neoprene PVC | Breakthrough time See manufacturers recommendations | Glove thickness - | EU standard EN 374 | Glove comments (minimum requirement) | |
| Skin and body prote | ction Long sle | eved clothing. | | | |

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

| Respiratory Protection | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly |
|----------------------------|--|
| Large scale/emergency use | Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced Recommended Filter type: Particulates filter conforming to EN 143 |
| Small scale/Laboratory use | Use a NIOSH/MSHA or European Standard EN 149:2001 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Recommended half mask:- Particle filtering: EN149:2001 When RPE is used a face piece Fit Test should be conducted |

Environmental exposure controls No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| Physical State | Liquid | |
|---|--|--|
| Appearance Odor Odor Threshold Melting Point/Range Softening Point Boiling Point/Range Flammability (liquid) Flammability (solid,gas) Explosion Limits | No information available No data available No data available No data available 100 °C / 212 °F No data available Not applicable No data available | Liquid |
| Flash Point Autoignition Temperature Decomposition Temperature pH Viscosity Water Solubility Solubility in other solvents Partition Coefficient (n-octanol/wat | No information available No data available No data available No information available No data available Miscible No information available | Method - No information available |
| Component Nitric acid …% [C ≤ 70 %] Vapor Pressure Density / Specific Gravity Bulk Density Vapor Density Particle characteristics | log Pow -2.3 23 hPa @ 20 °C 1 g/cm3 Not applicable No data available Not applicable (liquid) | @ 20 °C Liquid (Air = 1.0) |
| 9.2. Other information Molecular Formula | Matrix: 5% HN O3 | |

SECTION 10: STABILITY AND REACTIVITY

| 10.1. Reactivity | None known, based on information available |
|---|--|
| 10.2. Chemical stability | Stable under normal conditions. |
| 10.3. Possibility of hazardous reaction | ons |
| Hazardous Polymerization Hazardous Reactions | No information available. None under normal processing. |
| 10.4. Conditions to avoid | Incompatible products. Excess heat. |
| 10.5. Incompatible materials | None known. |

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product Information

| (a) acute toxicity; | |
|---------------------|--|
| Oral | Based on available data, the classification criteria are not met |
| Dermal | No data available |
| Inhalation | No data available |

Toxicology data for the components

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---------------------------|-----------|-------------|---------------------------|
| Water | - | - | - |
| Nitric acid …% [C ≤ 70 %] | - | - | LC50 = 2500 ppm. (Rat) 1h |

| Component | ECHA (RAC) ATE (Oral) | ECHA (RAC) ATE (Dermal) | ECHA (RAC) ATE (Inhalation) |
|---------------------------|-----------------------|-------------------------|-----------------------------|
| Nitric acid …% [C ≤ 70 %] | - | - | ATE = 2.65 mg/L (vapours) |

(b) skin corrosion/irritation; Category 1 B

| (c) serious eye damage/irritation; | Category 1 | | | |
|---|--|--|--|--|
| (d) respiratory or skin sensitization; Respiratory Skin | No data available No data available | | | |
| (e) germ cell mutagenicity; | No data available | | | |
| (f) carcinogenicity; | No data available | | | |

There are no known carcinogenic chemicals in this product

| (g) reproductive toxicity; | No data available |
|--|---|
| (h) STOT-single exposure; | No data available |
| (i) STOT-repeated exposure; Target Organs | No data available No information available. |
| (j) aspiration hazard; | No data available |
| Symptoms / effects,both acute and delayed | Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation. |

11.2. Information on other hazards

Water Spiking Standard A (WSS-A)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity Ecotoxicity effects

12.2. Persistence and degradability

Persistence Miscible with water, Persistence is unlikely, based on information available.

12.3. Bioaccumulative potential Bioaccumulation is unlikely

| Component | log Pow | Bioconcentration factor (BCF) |
|---|--|-------------------------------|
| Nitric acid …% [C ≤ 70 %] | -2.3 | No data available |
| <u>12.4. Mobility in soil</u> | The product is water soluble, and may spread environment due to its water solubility. Highly | |
| <u>12.5. Results of PBT and vPvB</u> assessment | No data available for assessment. | |
| <u>12.6. Endocrine disrupting</u> properties Endocrine Disruptor Information | This product does not contain any known or su | uspected endocrine disruptors |
| <u>12.7. Other adverse effects</u> Persistent Organic Pollutant Ozone Depletion Potential | This product does not contain any known or su This product does not contain any known or su | • |

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

| Waste from Residues/Unused Products | Waste is classified as hazardous. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. |
|--|---|
| Contaminated Packaging | Dispose of this container to hazardous or special waste collection point. |
| European Waste Catalogue (EWC) | According to the European Waste Catalog, Waste Codes are not product specific, but application specific. |
| Other Information | Waste codes should be assigned by the user based on the application for which the product was used. Do not empty into drains. Do not flush to sewer. Large amounts will affect pH and harm aquatic organisms. |

SECTION 14: TRANSPORT INFORMATION

IMDG/IMO

| 14.1. UN number | UN2031 |
|----------------------------------|----------------------|
| 14.2. UN proper shipping name | NITRIC ACID SOLUTION |
| 14.3. Transport hazard class(es) | 8 |
| 14.4. Packing group | II |

ADR

| <u>14.1. UN number</u> | UN2031 |
|----------------------------------|----------------------|
| 14.2. UN proper shipping name | NITRIC ACID SOLUTION |
| 14.3. Transport hazard class(es) | 8 |
| 14.4. Packing group | II |

<u>IATA</u>

| <u>14.1. UN number</u> <u>14.2. UN proper shipping name</u> <u>14.3. Transport hazard class(es)</u> <u>14.4. Packing group</u> | UN2031 NITRIC ACID SOLUTION 8 II |
|---|---|
| 14.5. Environmental hazards | No hazards identified |
| 14.6. Special precautions for user | No special precautions required. |

<u>14.7. Maritime transport in bulk</u> Not applicable, packaged goods according to IMO instruments

SECTION 15: REGULATORY INFORMATION

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

International Inventories

Europe (EINECS/ELINCS/NLP), China (IECSC), Taiwan (TCSI), Korea (KECL), Japan (ENCS), Japan (ISHL), Canada (DSL/NDSL), Australia

Water Spiking Standard A (WSS-A)

(AICS), New Zealand (NZIoC), Philippines (PICCS). US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

| Component | CAS No | EINECS | ELINCS | NLP | IECSC | TCSI | KECL | ENCS | ISHL |
|---------------------------|-----------|-----------|--------|-----|-------|------|----------|------|------|
| Water | 7732-18-5 | 231-791-2 | - | - | Х | Х | KE-35400 | Х | - |
| Nitric acid …% [C ≤ 70 %] | 7697-37-2 | 231-714-2 | - | - | Х | Х | KE-25911 | Х | Х |

| Component | CAS No | TSCA | TSCA Inventory notification - Active-Inactive | DSL | NDSL | AICS | NZIoC | PICCS |
|---------------------------|-----------|------|---|-----|------|------|-------|-------|
| Water | 7732-18-5 | Х | ACTIVE | Х | - | Х | Х | Х |
| Nitric acid …% [C ≤ 70 %] | 7697-37-2 | Х | ACTIVE | Х | - | Х | Х | Х |

Legend: X - Listed '-' - Not Listed KECL - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

Authorisation/Restrictions according to EU REACH

| Component | CAS No | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC) |
|---------------------------|-----------|---|---------------------------|---|
| Water | 7732-18-5 | - | - | - |
| Nitric acid …% [C ≤ 70 %] | 7697-37-2 | - | Use restricted. See item | - |
| | | | 75. | |
| | | | (see link for restriction | |
| | | | details) | |

REACH links

https://echa.europa.eu/substances-restricted-under-reach

Seveso III Directive (2012/18/EC)

| Component | CAS No | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements |
|---------------------------|-----------|---|--|
| Water | 7732-18-5 | Not applicable | Not applicable |
| Nitric acid …% [C ≤ 70 %] | 7697-37-2 | Not applicable | Not applicable |

Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals

Not applicable

Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)? Not applicable

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

National Regulations

UK - Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment

WGK Classification

Water endangering class = 1 (self classification)

| | Component | Germany - Water Classification (AwSV) | Germany - TA-Luft Class |
|---|---------------------------|---------------------------------------|-------------------------|
| Γ | Nitric acid …% [C ≤ 70 %] | WGK1 | |

| Switzerland - Ordinance on the Reduction of Risk from handling of hazardous substances preparation (SR 814.81) | Switzerland - Ordinance on Incentive Taxes on Volatile Organic Compounds (OVOC) | Switzerland - Ordinance of the Rotterdam Convention on the Prior Informed Consent Procedure |
|--|--|--|
| Prohibited and Restricted | | |
| | Reduction of Risk from handling of hazardous substances preparation (SR 814.81) | Reduction of Risk from handling of hazardous substances preparation (SR 814.81) Incentive Taxes on Volatile Organic Compounds (OVOC) Prohibited and Restricted Incentive Taxes on Volatile |

15.2. Chemical safety assessment

H290 - May be corrosive to metals

Chemical Safety Assessment/Reports (CSA/CSR) are not required for mixtures

Full text of H-Statements referred to under sections 2 and 3

H314 - Causes severe skin burns and eye damage

SECTION 16: OTHER INFORMATION

| F | 1318 - Causes serious eye damage 1272 - May intensify fire; oxidizer 20H071 - Corrosive to the respiratory tract | | | | |
|-----------------------------|--|--|--|--|--|
| | Legend | | | | |
| С | CAS - Chemical Abstracts Service | TSCA - United States Toxic Substances Control Act Section 8(b) Inventory | | | |
| S P IE | EINECS/ELINCS - European Inventory of Existing Commercial Chemica Bubstances/EU List of Notified Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances ECSC - Chinese Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances | | | | |
| A D R L N | VEL - Workplace Exposure Limit CGIH - American Conference of Governmental Industrial Hygienists NEL - Derived No Effect Level RPE - Respiratory Protective Equipment C50 - Lethal Concentration 50% IOEC - No Observed Effect Concentration PBT - Persistent, Bioaccumulative, Toxic | TWA - Time Weighted Average IARC - International Agency for Research on Cancer Predicted No Effect Concentration (PNEC) LD50 - Lethal Dose 50% EC50 - Effective Concentration 50% POW - Partition coefficient Octanol:Water vPvB - very Persistent, very Bioaccumulative | | | |
| D II D B K h | ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road MO/IMDG - International Maritime Organization/International Maritime Dangerous Goods Code DECD - Organisation for Economic Co-operation and Development ICF - Bioconcentration factor Key literature references and sources for data https://echa.europa.eu/information-on-chemicals Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, F | ICAO/IATA - International Civil Aviation Organization/International Air Transport Association MARPOL - International Convention for the Prevention of Pollution from Ships ATE - Acute Toxicity Estimate VOC - (Volatile Organic Compound) | | | |
| Ρ | Classification and procedure used to derive the classificatio Physical hazards On basis of test data | n for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | | |

Training Advice

Environmental hazards

Health Hazards

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Calculation method

Calculation method

Water Spiking Standard A (WSS-A)

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers.

| Prepared By | Health, Safety and Environmental Department |
|------------------|--|
| Revision Date | 21-Mar-2024 |
| Revision Summary | New emergency telephone response service provider. |

This safety data sheet complies with Regulation UK SI 2019/758 and UK SI 2020/1577 as amended.

. Disclaimer

The information provided in 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet