

Safety Data Sheet

according to HPR, Schedule 1

Printing date 09/29/2022

Reviewed on 09/29/2022

1 Identification

Product identifier**Trade name:** CONDUCTIVITY STANDARD 12880 uS/cm @25°C***Article number:** CSKC12880***Application of the substance / the mixture** Laboratory chemicals***Details of the supplier of the safety data sheet*****Manufacturer/Supplier:**

Reagecon Diagnostics Ltd.

Shannon Free Zone,

Shannon,

Co. Clare,

Ireland.

Tel +353 61 472622

Fax +353 61 472642

Information department:** sds@reagecon.ieEmergency telephone number:**

National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

For Hazardous Materials [or Dangerous Goods] Incident

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC

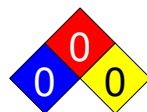
For Ireland call +(353)-19014670

For Outside Ireland call +1 703-741-5970 / 1-800-424-9300 CCN849800

2 Hazard identification

***Classification of the substance or mixture**

The product is not classified, according to the Globally Harmonized System (GHS).

Label elements**GHS label elements** Void***Hazard pictograms** Void***Signal word** Void***Hazard statements** Void***Classification system:*****NFPA ratings (scale 0-4)**

Health = 0

Fire = 0

Reactivity = 0

3 Composition/Information on ingredients

Chemical characterization: Mixtures**Description:** Mixture of the substances listed below with nonhazardous additions.***Dangerous components:** Void

4 First-aid measures

Description of first aid measures**General information:** No special measures required.***After inhalation:** Supply fresh air; consult doctor in case of complaints.***After skin contact:** Generally the product does not irritate the skin.***After eye contact:** Rinse opened eye for several minutes under running water.

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***After swallowing:** If symptoms persist consult doctor.

***Information for doctor:**

***Most important symptoms and effects, both acute and delayed** No further relevant information available.

***Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

***Extinguishing media**

***Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

***Special hazards arising from the substance or mixture** No further relevant information available.

***Advice for firefighters**

***Protective equipment:** No special measures required.

6 Accidental release measures

***Personal precautions, protective equipment and emergency procedures** Not required.

***Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

***Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

***Reference to other sections**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

***Handling:**

***Precautions for safe handling** No special measures required.

***Information about protection against explosions and fires:** No special measures required.

***Conditions for safe storage, including any incompatibilities**

***Storage:**

***Requirements to be met by storerooms and receptacles:** No special requirements.

***Information about storage in one common storage facility:** Not required.

***Further information about storage conditions:** None.

***Specific end use(s)** No further relevant information available.

8 Exposure controls/ Personal protection

***Additional information about design of technical systems:** No further data; see item 7.

***Control parameters**

***Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

***Additional information:** The lists that were valid during the creation were used as basis.

***Exposure controls**

***Personal protective equipment:**

***General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

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Breathing equipment:** Not required.Protection of hands:***The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation****Material of gloves***The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.**Nitrile rubber, NBR****Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.****Eye protection:***Goggles recommended during refilling.*

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information*****Appearance:****Form:***Fluid***Color:***According to product specification****Odor:***Characteristic****Odor threshold:***Not determined.****pH-value:***Not determined.****Change in condition****Melting point/Melting range:***0 °C***Boiling point/Boiling range:***100 °C****Flash point:***Not applicable.****Flammability (solid, gaseous):***Not applicable.****Decomposition temperature:***Not determined.****Auto igniting:***Product is not selfigniting.****Danger of explosion:***Product does not present an explosion hazard.****Explosion limits:****Lower:***Not determined.***Upper:***Not determined.****Vapor pressure at 20 °C:***23 hPa****Density at 20 °C:***1.00748 g/cm³****Relative density***Not determined.****Vapor density***Not determined.****Evaporation rate***Not determined.****Solubility in / Miscibility with****Water:***Fully miscible.****Partition coefficient (n-octanol/water):** *Not determined.*

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Viscosity:*Dynamic:**

Not determined.

Kinematic:

Not determined.

Solvent content:*Water:**

99.2 %

Solids content:

0.7 %

***Other information**

No further relevant information available.

10 Stability and reactivity***Reactivity** No further relevant information available.***Chemical stability*****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.***Possibility of hazardous reactions** No dangerous reactions known.***Conditions to avoid** No further relevant information available.***Incompatible materials:** No further relevant information available.***Hazardous decomposition products:** No dangerous decomposition products known.**11 Toxicological information*****Information on toxicological effects*****Acute toxicity:*****Primary irritant effect:*****on the skin:** No irritant effect.***on the eye:** No irritating effect.***Sensitization:** No sensitizing effects known.***Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

***NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information***Toxicity*****Aquatic toxicity:** No further relevant information available.***Persistence and degradability** No further relevant information available.***Behavior in environmental systems:*****Bioaccumulative potential** No further relevant information available.***Mobility in soil** No further relevant information available.***Additional ecological information:*****General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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Results of PBT and vPvB assessment**PBT:** Not applicable.***vPvB:** Not applicable.***Other adverse effects** No further relevant information available.**13 Disposal considerations*****Waste treatment methods*****Recommendation:** Smaller quantities can be disposed of with household waste.***Uncleaned packagings:*****Recommendation:** Disposal must be made according to official regulations.***Recommended cleansing agent:** Water, if necessary with cleansing agents.**14 Transport information*****UN-Number*****DOT/TDG, ADR, ADN, IMDG, IATA** Void***UN proper shipping name*****DOT/TDG, ADR, ADN, IMDG, IATA** Void***Transport hazard class(es)*****DOT, ADR, ADN, IMDG, IATA*****Class** Void***Packing group*****DOT/TDG, ADR, IMDG, IATA** Void***Environmental hazards:*****Marine pollutant:** No***Special precautions for user**

Not applicable.

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

Not applicable.

***Transport/Additional information:**

Not dangerous according to the above specifications.

***UN "Model Regulation":**

Void

15 Regulatory information***Safety, health and environmental regulations/legislation specific for the substance or mixture*****SARA Section 355 (extremely hazardous substances)**

CAS: 26628-22-8 sodium azide

***SARA Section 313 (specific toxic chemical listings)**

CAS: 26628-22-8 sodium azide

***TSCA (Toxic Substances Control Act)**

All components have the value ACTIVE.

***MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

GHS label elements** VoidHazard pictograms** Void***Signal word** Void

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Hazard statements** VoidNational regulations:*****Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.***Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS:** Health and SafetyContact:** sds@reagecon.ie***Date of the latest revision of the safety data sheet** 09/29/2022 / -***Abbreviations and acronyms:**

ICAO: International Civil Aviation Organisation

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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