i-STAT TBI Control Level 1 & 2
i-STAT TBI Calibration Verification Levels 1-3

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 18/04/2024 Version: A

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

1.1. Product identifier

Product form	:	Mixture
Product name	:	i-STAT TBI Control Level 1 & 2; i-STAT TBI Calibration Verification Levels 1-3
Product code	:	06P17-24; 06P17-25; 06P17-26
Other means of identification	:	i-STAT TBI Calibration Verification Levels 1-3: Each box contains two vials of each of three levels. i-STAT TBI Control Level 1 & 2: Each box contains six vials. For all control fluid types, each vial is 6ml with a fill volume of 1ml.

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

1.2.1. Relevant identified uses

Use of the substance/mixture : For In Vitro Diagnostic Use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Abbott Point of Care Inc.
400 College Road
Princeton
NJ 08540
1-800-827-7828

Abbott GmbH (Point of Care Division)
Max-Planck-Ring 2
65205 Wiesbaden, Germany
Tel.: (+49)-6122-58-0
oustechsvc@apoc.abbott.com

Abbott Point of Care
Technical Support
For US email techsvc@apoc.abbott.com
Phone 1-800-366-8020 option 1
For outside of US
email oustechsvc@apoc.abbott.com

1.4. Emergency telephone number

Emergency number : Contact the CHEMTREC® Emergency Call Center for assistance with transportation or hazardous materials emergencies (24 hours/day, 7days/week). Refer to Abbott contract number CCN 119.
-Telephone (800) 424-9300 (toll-free) if you are calling from within the United States, Canada, Puerto Rico and the Virgin Islands.
-Telephone +1 (703) 527-3887, the international and maritime number (collect calls accepted), if you are calling from outside the United States or from a ship at sea.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and US Hazcom 2012

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] and US Hazcom 2012

Signal word (CLP)	:	-
Hazard statements (CLP)	:	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	:	P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

This product contains human-sourced components. No known test method can offer complete assurance that products derived from human sources will not transmit infection. Therefore, all human-sourced materials should be considered potentially infectious.
The human-sourced material used in this product has been tested and found to be:

- Nonreactive for HBsAg (hepatitis B surface antigen)
- Nonreactive for HCV (hepatitis C virus)
- Nonreactive for HIV-1 Ag or HIV-1 RNA (human immunodeficiency virus type 1 antigen or human immunodeficiency virus type 1 ribonucleic acid)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Mixture of chemical and/or biological substances for in vitro diagnostic use.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium cyanide	CAS-No.: 143-33-9 EC-No.: 205-599-4	< 0.1	Met. Corr. 1, H290 Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 1 (Inhalation:dust,mist), H330 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

SECTION 4: First Aid measures

4.1. Description of first aid measures

First-aid measures general	:	Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
First-aid measures after inhalation	:	IF INHALED: Remove to fresh air and keep at rest in a comfortable position for breathing.
First-aid measures after skin contact	:	IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : May cause minor respiratory irritation.

Symptoms/effects after skin contact : May cause minor skin irritation.

Symptoms/effects after eye contact : Direct contact with eyes is likely to be irritating.

Symptoms/effects after ingestion : May cause minor gastrointestinal irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Fire hazard : Criteria for classification not met.

Explosion hazard : Criteria for classification not met.

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Wash with plenty of water and detergent. Apply a suitable disinfectant. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle as a potentially infectious material. Use only with adequate ventilation. Do not breathe vapours, mist. Keep container tightly closed in a cool place. Wash thoroughly after handling. Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

Sodium cyanide (143-33-9)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1 mg/m³
IOEL STEL	5 mg/m³
Notes	Possibility of significant uptake through the skin
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	1 mg/m³ (inhalable fraction (Cyanide ion)
MAK (OEL STEL)	5 mg/m³ (inhalable fraction (Cyanide anion)
Chemical category	Skin notation
Belgium - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	Skin, Skin notation
Bulgaria - Occupational Exposure Limits	
OEL TWA	1 mg/m³ 1 mg/m³ (Potassium and Sodium cyanide)
OEL STEL	5 mg/m³
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	1 mg/m³
KGVI (OEL STEL)	5 mg/m³
Chemical category	Skin notation as CN

Sodium cyanide (143-33-9)	
Cyprus - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³ (as Cyanide)
Chemical category	Skin-potential for cutaneous absorption as Cyanide
Denmark - Occupational Exposure Limits	
OEL TWA [1]	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	Potential for cutaneous absorption
Estonia - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	Skin notation
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	1 mg/m³ (Cyanides)
HTP (OEL STEL)	5 mg/m³
Chemical category	Potential for cutaneous absorption
France - Occupational Exposure Limits	
VME (OEL TWA)	1 mg/m³ (indicative limit)
VLE (OEL C/STEL)	5 mg/m³ (indicative limit)
Chemical category	Risk of cutaneous absorption
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Chemical category	Skin notation
Gibraltar - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	Skin notation
Greece - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	skin - potential for cutaneous absorption as cyanide

Sodium cyanide (143-33-9)	
Ireland - Occupational Exposure Limits	
OEL TWA [1]	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	Potential for cutaneous absorption as Cyanide
Italy - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	skin - potential for cutaneous absorption
Latvia - Occupational Exposure Limits	
OEL TWA	1 mg/m³
Chemical category	skin - potential for cutaneous exposure
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	1 mg/m³
NRV (OEL C)	5 mg/m³
Chemical category	Skin notation
Luxembourg - Occupational Exposure Limits	
OEL TWA	1 mg/m³ (expressed in cyanide)
OEL STEL	5 mg/m³
Chemical category	Possibility of significant uptake through the skin expressed as cyanide
Malta - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³ (Cn)
Chemical category	Possibility of significant uptake through the skin
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	1 mg/m³ (inhalable fraction)
NDSP (OEL C)	5 mg/m³ (Hydrogen cyanide and cyanides)
Portugal - Occupational Exposure Limits	
OEL TWA	1 mg/m³ (as CN)
OEL STEL	5 mg/m³ (indicative limit value)
OEL C	5 mg/m³
Chemical category	skin - potential for cutaneous exposure

Sodium cyanide (143-33-9)	
Romania - Occupational Exposure Limits	
OEL TWA	1 mg/m³
OEL STEL	5 mg/m³
Chemical category	Skin notation
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	1 mg/m³
NPHV (OEL C)	5 mg/m³
Chemical category	Potential for cutaneous absorption
Slovenia - Occupational Exposure Limits	
OEL TWA	1 mg/m³ (inhalable fraction)
OEL STEL	5 mg/m³ (inhalable fraction)
Chemical category	Potential for cutaneous absorption as CN
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	1 mg/m³
VLA-EC (OEL STEL)	5 mg/m³
Chemical category	skin - potential for cutaneous absorption
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	1 mg/m³ (inhalable fraction (Cyanides)
KGV (OEL STEL)	4 mg/m³ (inhalable fraction (Cyanides)
Chemical category	Skin notation
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	1 mg/m³
WEL STEL (OEL STEL)	5 mg/m³
WEL chemical category	Potential for cutaneous absorption Cyanide
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	1 mg/m³
Grenseverdi (OEL TWA) [2]	0.9 ppm
Korttidsverdi (OEL STEL)	5 mg/m³ (value from the regulation)
Korttidsverdi (OEL STEL) [ppm]	4 ppm (value from the regulation)
Chemical category	Skin notation

Sodium cyanide (143-33-9)	
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	3.8 mg/m³ (including Cyanide-inhalable dust)
KZGW (OEL STEL)	3.8 mg/m³ (inhalable dust)
Chemical category	Skin notation, Category 2 reproductive toxin
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m³
ACGIH OEL C	5 mg/m³ (Hydrogen cyanide and cyanide salts)
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route

Methyl alcohol (67-56-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	260 mg/m³
IOEL TWA [ppm]	200 ppm
Notes	Possibility of significant uptake through the skin
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	260 mg/m³
MAK (OEL TWA) [ppm]	200 ppm
MAK (OEL STEL)	1040 mg/m³
MAK (OEL STEL) [ppm]	800 ppm
Chemical category	Skin notation
Belgium - Occupational Exposure Limits	
OEL TWA	266 mg/m³
OEL TWA	200 ppm
OEL STEL	333 mg/m³
OEL STEL	250 ppm
Chemical category	Skin, Skin notation
Bulgaria - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	260 mg/m³
GVI (OEL TWA) [2]	200 ppm

Methyl alcohol (67-56-1)	
Chemical category	Skin notation
Croatia - Biological limit values	
BLV	7 mg/g creatinine Parameter: Methanol - Medium: urine - Sampling time: at the end of the work shift (calculated on the average Creatinine value of 1.2 g/L urine)
Cyprus - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	Skin-potential for cutaneous absorption
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	250 mg/m³
Chemical category	Potential for cutaneous absorption
Czech Republic - Biological limit values	
BLV	Parameter: Methanol - Medium: urine - Sampling time: end of shift 15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift
Denmark - Occupational Exposure Limits	
OEL TWA [1]	260 mg/m³
OEL TWA [2]	200 ppm
OEL STEL	520 mg/m³
OEL STEL	400 ppm
Chemical category	Potential for cutaneous absorption
Estonia - Occupational Exposure Limits	
OEL TWA	250 mg/m³
OEL TWA	200 ppm
OEL STEL	350 mg/m³
OEL STEL	250 ppm
Chemical category	Skin notation
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	270 mg/m³
HTP (OEL TWA) [2]	200 ppm
HTP (OEL STEL)	330 mg/m³
HTP (OEL STEL) [ppm]	250 ppm
Chemical category	Potential for cutaneous absorption

Methyl alcohol (67-56-1)	
France - Occupational Exposure Limits	
VME (OEL TWA)	260 mg/m³
VME (OEL TWA) [ppm]	200 ppm
VLE (OEL C/STEL)	1300 mg/m³
VLE (OEL C/STEL) [ppm]	1000 ppm
Chemical category	Risk of cutaneous absorption
France - Biological limit values	
BLV	Parameter: Methanol - Medium: urine - Sampling time: end of shift (per the Authority, the values for this substance must be decided and/or determined on a case by case basis. Guidance for the calculation of and interpretation of values is provided in the source)
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	270 mg/m³
AGW (OEL TWA) [2]	200 ppm
AGW (OEL C)	1080 mg/m³
AGW (OEL C) [ppm]	800 ppm
Chemical category	Skin notation
Germany - Biological limit values (TRGS 903)	
BLV	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift 15 mg/l Parameter: Methanol - Medium: urine - Sampling time: for long-term exposures: at the end of the shift after several shifts
Gibraltar - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	Skin notation
Greece - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
OEL STEL	325 mg/m³
OEL STEL	250 ppm
Chemical category	skin - potential for cutaneous absorption
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	260 mg/m³
Chemical category	Potential for cutaneous absorption

Methyl alcohol (67-56-1)	
Ireland - Occupational Exposure Limits	
OEL TWA [1]	260 mg/m³
OEL TWA [2]	200 ppm
OEL STEL	780 mg/m³ (calculated)
OEL STEL	600 ppm (calculated)
Chemical category	Potential for cutaneous absorption
Italy - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	skin - potential for cutaneous absorption
Latvia - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	skin - potential for cutaneous exposure
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	260 mg/m³
IPRV (OEL TWA) [ppm]	200 ppm
Chemical category	Skin notation
Luxembourg - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	Possibility of significant uptake through the skin
Malta - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	Possibility of significant uptake through the skin
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	133 mg/m³
TGG-8u (OEL TWA) [ppm]	100 ppm
MAC chemical category	Skin notation

Methyl alcohol (67-56-1)	
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	100 mg/m³
NDSCh (OEL STEL)	300 mg/m³
Portugal - Occupational Exposure Limits	
OEL TWA	260 mg/m³ (indicative limit value)
OEL TWA	200 ppm (indicative limit value)
OEL STEL	250 ppm
Chemical category	skin - potential for cutaneous exposure indicative limit value
Romania - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	Skin notation
Romania - Biological limit values	
BLV	6 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	260 mg/m³
NPHV (OEL TWA) [2]	200 ppm
Chemical category	Potential for cutaneous absorption
Slovakia - Biological limit values	
BLV	30 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of exposure or work shift 30 mg/l Parameter: Methanol - Medium: urine - Sampling time: after all work shifts (for long-term exposure)
Slovenia - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
OEL STEL	1040 mg/m³
OEL STEL	800 ppm
Chemical category	Potential for cutaneous absorption
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	266 mg/m³
VLA-ED (OEL TWA) [2]	200 ppm

Methyl alcohol (67-56-1)	
VLA-EC (OEL STEL)	333 mg/m³
VLA-EC (OEL STEL) [ppm]	250 ppm
Chemical category	skin - potential for cutaneous absorption
Spain - Biological limit values	
BLV	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	250 mg/m³
NGV (OEL TWA) [ppm]	200 ppm
KGV (OEL STEL)	350 mg/m³
KGV (OEL STEL) [ppm]	250 ppm
Chemical category	Skin notation
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	266 mg/m³
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	333 mg/m³
WEL STEL (OEL STEL) [ppm]	250 ppm
WEL chemical category	Potential for cutaneous absorption
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	130 mg/m³
Grenseverdi (OEL TWA) [2]	100 ppm
Korttidsverdi (OEL STEL)	162.5 mg/m³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	150 ppm (value calculated)
Chemical category	Skin notation
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	260 mg/m³
MAK (OEL TWA) [2]	200 ppm
KZGW (OEL STEL)	1040 mg/m³
KZGW (OEL STEL) [ppm]	800 ppm
Chemical category	Skin notation

Methyl alcohol (67-56-1)	
Switzerland - Biological limit values	
BAT	30 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift, and after several shifts (for long-term exposures) 936 µmol/l Parameter: Methanol - Medium: urine - Sampling time: end of shift, and after several shifts (for long-term exposures)
Turkey - Occupational Exposure Limits	
OEL TWA	260 mg/m³
OEL TWA	200 ppm
Chemical category	Skin notation
USA - ACGIH - Occupational Exposure Limits	
Local name	Methanol
ACGIH OEL TWA	260 mg/m³
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL	328 mg/m³ recommeded Exposure Limit
ACGIH OEL STEL [ppm]	250 ppm recommeded Exposure Limit
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
Regulatory reference	ACGIH 2024
USA - ACGIH - Biological Exposure Indices	
Local name	Methanol
BEI	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)
Regulatory reference	ACGIH 2024

Chloramphenicol (56-75-7)	
Bulgaria - Occupational Exposure Limits	
OEL TWA	1 mg/m³
Latvia - Occupational Exposure Limits	
OEL TWA	1 mg/m³
AIHA - Workplace Environmental Exposure Limit (WEEL)	
WEEL TWA	0.5 mg/m³

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ensure adequate ventilation, especially in confined areas.

8.2.2. Personal protection equipment

Personal protective equipment:
Gloves. Protective goggles.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Use eye protection suitable to the environment. Avoid direct contact with eyes. EN 167(EU)

8.2.2.2. Skin protection

Skin and body protection:
Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure. [EN 14605:2005 and EN 13034:2005]

Hand protection:
Use gloves appropriate to the work environment. Gloves should be classified under Standard EN 374 or ASTM F1296.

8.2.2.3. Respiratory protection

Respiratory protection:
Where vapour, mist, or dust exceed PELs or other applicable OELs, use European Standard EN 529:2005 approved dust/particulate respiratory protective equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Solution
Colour	:	Amber
Odour	:	Odourless
Odour threshold	:	Not determined
pH	:	7.3 at 20 °C (68 °F)
Relative evaporation rate (butylacetate=1)	:	Not determined
Melting point	:	Not determined
Freezing point	:	Not determined
Boiling point	:	Not determined

Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Vapour pressure	:	Not determined
Relative vapour density at 20°C	:	Not determined
Relative density	:	Not determined
Density	:	Not determined
Solubility	:	Difficult to mix
Partition coefficient n-octanol/water (Log Pow)	:	Not determined
Viscosity, kinematic	:	Not determined
Viscosity, dynamic	:	Not determined
Explosive properties	:	Criteria for classification not met
Oxidising properties	:	Criteria for classification not met
Explosive limits	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

No additional information available.

10.3. Possibility of hazardous reactions

No additional information available.

10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

No additional information available.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Sodium cyanide (143-33-9)	
LD50 oral rat	5.733 mg/kg (Source: JAPAN_GHS)

Sodium cyanide (143-33-9)	
LD50 dermal rabbit	14.602 mg/kg (Source: JAPAN_GHS)
LC50 Inhalation - Rat	0.16 mg/l (Exposure time: 1 h Source: NLM_CIP)

Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Not classified
Respiratory or skin sensitisation	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

Other information : No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general : No information available.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects

12.2. Persistence and degradability

i-STAT TBI Control Level 1 & 2; i-STAT TBI Calibration Verification Levels 1-3	
Persistence and degradability	No information available.

12.3. Bioaccumulative potential

i-STAT TBI Control Level 1 & 2; i-STAT TBI Calibration Verification Levels 1-3	
Bioaccumulative potential	No information available.

12.4. Mobility in soil

i-STAT TBI Control Level 1 & 2; i-STAT TBI Calibration Verification Levels 1-3	
Ecology – soil	No information available.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without a permit.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

ADN
Transport hazard class(es) (ADN) : Not applicable

RID
Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR)	:	Not applicable
Packing group (IMDG)	:	Not applicable
Packing group (IATA)	:	Not applicable
Packing group (ADN)	:	Not applicable
Packing group (RID)	:	Not applicable

14.5. Environmental hazards

Dangerous for the environment	:	No
Marine pollutant	:	No
Other information	:	No supplementary information available

14.6. Special precautions for user

Overland transport
Not applicable

Transport by sea (IMDG)
Not applicable

Air transport (IATA)
Not applicable

Inland waterway transport
Not applicable

Rail transport
Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)
Contains no substance(s) listed on the REACH Candidate List
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
This device is compliant with the requirements of EU regulation 2017/746 on In-vitro Diagnostic Devices (IVDR)

15.1.2. National regulations

Germany

Water hazard class (WGK)	:	WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	:	Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen	:	None of the components are listed
SZW-lijst van mutagene stoffen	:	None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	:	None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	:	None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	:	None of the components are listed

US Federal regulations

All chemical substances in this product are listed as “Active” in the EPA (Environmental Protection Agency) “TSCA Inventory Notification (Active-Inactive) Requirements Rule” (“the Final Rule”) of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA

US State regulations

WARNING: This product can expose you to Methyl alcohol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements	
Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
Acute Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 1 (Oral)	Acute toxicity (oral), Category 1
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
H290	May be corrosive to metals.
H300	Fatal if swallowed.
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms	
ACGIH	American Conference of Government Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
EC50	Median effective concentration

Abbreviations and acronyms	
EC-No.	European Community number
ED	Endocrine disrupting properties
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STOT	Specific target organ toxicity
TRGS	Technical Rules for Hazardous Substances
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Data sources : Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
Classification for the USA in accordance with 29 CFR 1910.1200 (2012).
Classification for the EU in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Classification for Turkey in accordance with the Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.
ECHA (European Chemicals Agency).

Training advice : Normal use of this product shall imply use in accordance with the instructions for use and corresponding product packaging.

Indication of changes:
Revision A: Created new SDS to align with Regulation (EC) No. 1272/2008 [CLP] and US Hazcom 2012.

Other information : Author: Pace.

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Classification according to Regulation (EC) No. 1272/2008	Classification procedure
Aquatic Chronic 3	Calculation method

Safety Data Sheet (SDS), EU-US

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