

STA[®] - NEOPLASTINE[®] CI PLUS ⑤, ⑩**(REF 00606, 00667)****STA[®] - Néoplastine[®] CI Plus ⑤:**

- Reagent 1: STA[®] - Néoplastine[®] CI Plus ⑤ (ref 12211)
- Reagent 2: Solvent (ref 12212)

STA[®] - Néoplastine[®] CI Plus ⑩:

- Reagent 1: STA[®] - Néoplastine[®] CI Plus ⑩ (ref 12302)
- Reagent 2: Solvent (ref 12303)

In accordance with the Regulation (EC) N° 1907/2006 and the OSHA regulations 29 CFR 1910.1200 (g), a Safety Data Sheet is required only for the Reagent 2 (see SDS attached).

Safety Data Sheet acc. to ISO 11014

Printing date 04/02/2015

Version number: 3

Reviewed on 04/02/2015

1 Identification

- **Product identifier**
- **Trade name: SOLVENT**
- **Article number:** 12212/12303
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** For in vitro use only
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Diagnostica Stago S.A.S.
 3, Allée Thérèse
 CS 10009
 92665 Asnières sur Seine
 France
 Tel : +33 (0)1.46.88.20.20
 Fax : +33 (0)1.47.91.08.91

 bos@stago.com
- **Information department:** Environmental, Health and Safety Department
- **Emergency telephone number:**
 INFOTRAC emergency phone number (for USA, Puerto Rico and Canada only): 1-800-535-5053
 (24-hours)

2 Hazard(s) identification

- **Classification of the substance or mixture**



Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**
nickel sulphate hexahydrate
- **Hazard statements**
May cause an allergic skin reaction.
- **Precautionary statements**
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.

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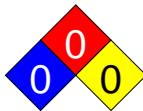
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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

- **Dangerous components:**

10101-97-0	nickel sulphate hexahydrate	< 0.1%
	<ul style="list-style-type: none"> ⚠ Resp. Sens. 1, H334; Muta. 2, H341; Carc. 1A, H350; STOT RE 1, H372; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317 	

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If symptoms persist consult doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Immediately call a 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:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Wear suitable gloves and eye/face protection.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb liquid components with liquid-binding material.
- **Reference to other sections**
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** Open and handle receptacle with care.
- **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.
- **Maximum storage temperature:** 8 °C
- **Minimum storage temperature:** 2 °C
- **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:**

10101-97-0 nickel sulphate hexahydrate

PEL	Long-term value: 1 mg/m ³ as Ni
REL	Long-term value: 0.015 mg/m ³ as Ni; See Pocket Guide App. A
TLV	Long-term value: 0.1 mg/m ³ as Ni; inhalable fraction

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.

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Avoid contact with the skin.

- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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.

- **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:** Safety glasses
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Color:	Colorless
· Odor:	Characteristic
· Odour threshold:	Not determined.

· pH-value at 20 °C (68 °F):	6.7
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- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

· Flash point:	Not determined.
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· Flammability (solid, gaseous):	Not applicable.
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· Ignition temperature:	Not applicable.
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· Decomposition temperature:	Not determined.
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· Auto igniting:	Product is not selfigniting.
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· Danger of explosion:	Product does not present an explosion hazard.
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- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

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· Vapor pressure:	Not determined.
· Density at 20 °C (68 °F):	1 g/cm ³ (8.345 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** no data 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:**

- **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	356718 mg/kg (rat)
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26628-22-8 sodium azide

Oral	LD50	27 mg/kg (rat)
Dermal	LD50	20 mg/kg (rabbit)

10101-97-0 nickel sulphate hexahydrate

Oral	LD50	264 mg/kg (rat)
Inhalative	LC50/4 h	11 mg/l (ATE)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

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· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **OSHA-Ca (Occupational Safety & Health Administration)**

This product contains no listed carcinogen according to OSHA in concentration of 0.1 per cent or greater.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

26628-22-8 sodium azide

EC50	38.5 mg/l (photobacterium phosphoreum)
EC50/48h	4.2 mg/l (daphnia)
IC50	272 mg/l (algae)
LC50/96h	0.7 mg/l (lepomis macrochirus)

10101-97-0 nickel sulphate hexahydrate

EC50/72h	0.75 mg/l (algae) Anhydrous substance
LC50/24h	>100 mg/l (other fish) anhydrous substance
LC50/96h	1.28 mg/l (other fish) anhydrous substance

· **Persistence and degradability** no data available

· **Behavior in environmental systems:**

· **Bioaccumulative potential** no data available

· **Mobility in soil** no data 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.

· **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:** Disposal must be made according to official regulations.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:** Not applicable.

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14 Transport information

· DOT, ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Void
· DOT, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	No special measures required.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· **Section 355 (extremely hazardous substances):**

Not subject to reporting requirements.

· **Section 313 (Specific toxic chemical listings):**

Not subject to reporting requirements.

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

Not subject to TSCA.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

This product contains no listed carcinogen according to IARC in concentration of 0.1 per cent or greater.

· **NTP (National Toxicology Program)**

This product contains no listed carcinogen according to NTP in concentration of 0.1 per cent or greater.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This Safety Data Sheet is a complement of the product insert but does not replace it. Information contained herein has been compiled from data presented in various technical sources; it is believed to be accurate and constitutes our best knowledge at the present time. DIAGNOSTICA STAGO S.A.S. makes no warranties and assumes no liability in connection with the use of this information or in case of inappropriate handling of this product. Users should strictly respect the insert instructions. This is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.

- **Department issuing SDS:** Environmental, Health and Safety Department

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· **Date of preparation / last revision** 04/02/2015 / 2

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Muta. 2: Germ cell mutagenicity, Hazard Category 2

Carc. 1A: Carcinogenicity, Hazard Category 1A

STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard 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

· *** Data compared to the previous version altered.**

US