

## SAFETY DATA SHEET

### 1 – IDENTIFICATION OF SUBSTANCE / AGENT AND COMPANY / FIRM

#### Identification of substance / agent:

Name: NIT reagent  
Product code: 3005  
Use: Colorization reagent for test NIT in diagnostic kits.

#### Identification of company / firm:

Name: DIAGNOSTICS s.r.o.  
Address: Hodská 68, 924 01 Galanta  
Tel.: +421 917 742 927 Fax: +421 269 202 902  
E-mail: info@diagnostics.sk  
<http://www.diagnostics.sk>

#### Emergency link:

Organization: National toxicological information centre, Limbová 5, 833 05 Bratislava  
Tel.: +421-2-54 774 166

### 2 – IDENTIFICATION OF HAZARDS

Classification of the substance or mixture:

Classification (ES 1272/2008 Directive):

Corrosivity, cat. 1B, H314

Full text of H-data stated in this section see sec. 16.

Classification (67/548/EHS or 1999/45/ES):

C; R34

Full text of R sentences stated in this section see sec. 16.

#### Marking elements:

Marking (Directive ES 1272/2008):

#### Warning pictograms:



Warning word:

**Danger**

#### Warning alerts:

H314 Causes severe skin burns and eye damage

#### Safety precautions:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

**Marking (67/548/EHS or 1999/45/ES):**

Symbol(s):	C	Caustic
R-sentence (s):	34	Causes burns.
	36/37/38	Irritating to eyes, respiratory system and skin.
S-sentence (s):	7	Keep container tightly closed.
	23/24	Do not breathe gas/fumes/vapour/spray, avoid contact with skin
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	28	After contact with skin, wash immediately with plenty of water.
	37/39	Wear suitable gloves and eye/face protection

**3 – COMPOSITION / INFORMATION ON INGREDIENTS**

**Dangerous compounds (Directive ES 1272/2008):**

CAS no.	EK no.	Index no.	Name	Classification	Amount
64-19-7	200-580-7	607-002-00-6	Acetic acid	H226, 314	20%
121-57-3	204-482-5	612-014-00-X	Sulfanilic acid	H315, 319, 317	0,2%
7440-66-6	231-175-3		Zinc dust	H400, 410	0,1%

**Dangerous compounds (1999/45/ES):**

CAS no.	EK no.	Index no.	Name	Classification	Amount
64-19-7	200-580-7	607-002-00-6	Acetic acid	R10, C; R35	20%
121-57-3	204-482-5	612-014-00-X	Sulfanilic acid	Xi; R36/38, R43	0,2%
7440-66-6	231-175-3		Zinc dust	N; R50/53	0,1%

*Full text of H-Statements and R-phrases mentioned in this section, see Section 16*

**4 – FIRST AID MEASURES**

**Description of first aid measures:**

**After inhalation:**

Transfer affected person on fresh air.

**Contact with skin:**

Immediately wash with amount of water. Remove contaminated clothing

**Contact with eyes:**

Rinse eyes with open lids several minutes with flow of running. Consult with doctor in case of retaining difficulties.

**After swallow:**

Attention, aspiration hazard, keep airways free. Let victim drink water. In case of nausea call doctor.

**5 – FIREFIGHTING MEASURES**

**Suitable extinguishing agents:**

For extinguishing use these sorts of fire extinguishers carbon dioxide, foam or dry chemical according to materials stored in immediate proximity.

**Special protective equipment for firefighters:**

For extinguishing, wear self-contained breathing apparatus

**Specific hazards:**

Flammable material. Burning can release dangerous fumes and vapours.

**Additional information:**

Avoid contamination of system of surface or underground waters by water used for fire extinguishing.

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## 6 – ACCIDENTAL RELEASE MEASURES

### Specific protective measures:

Wear suitable protective clothing. Avoid contact with substance. Provide adequate ventilation. Do not inhale vapours / spray.

### Environmental protective measures:

Prevent entering canalization system.

### Cleaning methods:

Remove by absorbent material. Send for disposal. Clean affected place with water and detergent.

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## 7 – HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Keep with the prescribed handling.

### Storage:

Store at 25 ° C.

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## 8 – EXPOSURE CONTROLS / PERSONAL

### PROTECTION Hand protection:

Wear disposable vinyl gloves.

### Eyes protection:

Use safety glasses.

Additional information in section 11 – Toxicological information

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Basic information:

State:	liquid
Colour:	colourless
Odour:	acetic, sharp

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## 10 – STABILITY AND REACTIVITY

### Conditions, which must be avoided:

Avoid exposure to direct sunlight. Stable under recommended conditions of use and storage least (see Chapter 7).

### Materials, which must be avoided:

Strong oxidants, nitrates, fuming sulfuric acid, phosphorus halides, hydrogen peroxide.

### Hazardous decomposition products:

There is no information available.

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## 11 – TOXICOLOGICAL INFORMATION

### Acute toxicity:

Quantitative data on the toxicity of the preparation are not available.

### Additional toxicological data:

Properties to be expected on the basis of the main components in the product:

After inhalation of vapors: Irritation symptoms in the respiratory tract. Inhalation may lead to the formation of edema in the respiratory system.

Skin contact: Burns.

Eye contact: Burns. Risk of blindness. Risk of corneal clouding. Risk of perforation

After swallowing: burns in mouth, throat, esophagus and gastrointestinal tract. Risk of perforation of esophagus and stomach

### Additional data:

Other dangerous properties cannot be excluded. Product must be handled with care usual for chemicals.

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## 12 – ECOLOGICAL INFORMATION

### Ecotoxicological effects:

Quantitative data on the ecological effects of this product are not available. Harmful to aquatic organisms due to pH shift.

### Additional ecological data:

Do not allow to enter waters, waste water, or soil

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## 13 – DISPOSAL INFORMATION

### Product:

Product disposal must be made according to official regulations.

### Packaging:

Packaging disposal must be made according to official regulations.

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## 14 – TRANSPORT INFORMATION

Product is not classified as dangerous according to transport regulations.

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## 15 – REGULATORY INFORMATION

This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, in CLP Regulation (EC) No 1272/2008 and in Annex II of Commission Regulation (EU) No 2015/830

### Operating limits:

Take note of Directive 94/33/EC on the protection of young people at work.

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## 16 – OTHER INFORMATION

### Full text of H- data stated in this section 2 a 3:

- H314 Causes severe skin burns and eye damage
- H226 Flammable liquid and vapour
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H317 May cause an allergic skin reaction
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

### Full text of R-phrases stated see in sec. 2 a 3:

- R10 Flammable
  - R34 Causes burns.
  - R35 Causes severe burns.
  - R36/37/38 Irritating to eyes, respiratory system and skin.
  - R43 May cause sensitisation by skin contact.
  - R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
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*Information stated in this safety data sheet is based on current state of our knowledge.  
It characterises product with consideration on adequate safety measures. It does not represent warranty of material properties.*