

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SARTORIUS

Annexin V Red Reagent; catalog number 9500-4641

Version	Revision Date:	SDS Number:	Date of last issue: 30.03.2020
1.1	18.08.2020	SAG-R0001745	Date of first issue: 30.03.2020

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

1.1 Product identifier

Trade name : Annexin V Red Reagent; catalog number 9500-4641

Substance name : Annexin V Red Reagent; catalog number 9500-4641

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

1.3 Details of the supplier of the safety data sheet

Company : Sartorius Corporation
565 Johnson Avenue
11716 Bohemia

E-mail address of person responsible for the SDS : Department CA-FM Environment@sartorius.com

1.4 Emergency telephone number

+(0)49.308.0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4

H302: Harmful if swallowed.

Eye irritation, Category 2

H319: Causes serious eye irritation.

Classification (67/548/EEC, 1999/45/EC)

2.2 Label elements

Labelling REGULATION (EC) No 1272/2008

Hazard pictograms :



Signal word : Warning

Hazard statements : H302 Harmful if swallowed.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ va-

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P262
Response:
P305 + P351 + P338
pours/ spray.
Do not get in eyes, on skin, or on clothing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Reagent

Hazardous components

CAS-No. EC-No. Registration number	Chemical name	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
26628-22-8	Sodium azide 247-852-1	T+; R28 N; R50/53	Acute Tox. 2; H300 Acute Tox. 2; H310 STOT RE 2; H373 Aquatic Acute 1; H410 Aquatic Chronic 1; H410	<= 0,1
60-00-4	Ethylendia- minetetra- acetic acid 200-449-4	C; C; R36	6.4 2; H319	<= 0,1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled	: If breathed in, move person into fresh air. If symptoms persist, call a physician.
In case of skin contact	: Wash off immediately with plenty of water.
In case of eye contact	: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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If swallowed : Call a physician immediately.
Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Hygiene measures : Do not smoke. Keep away from food, drink and animal feed-

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ingstuffs. When using do not eat or drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage : Store in original container. Keep container tightly closed.
areas and containers

Storage class (TRGS 510) : 10-13, German Storage Class 10 to 13

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses

Hand protection

Remarks : Protective gloves

Skin and body protection : Lab coat

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : red

Density : 1 g/cm³
similar to water

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.
Stable under recommended storage conditions.

10.4 Conditions to avoid

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Conditions to avoid : Exposure to light.

10.5 Incompatible materials

Materials to avoid : Not applicable

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Further information

Product:

Remarks: Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not relevant

12.6 Other adverse effects

Product:

Additional ecological information	: Remarks: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.

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SECTION 14: Transport information

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

Remarks : Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Water contaminating class : WGK 1 slightly hazardous to water (Germany)

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of R-Phrases

R28 : Very toxic if swallowed.
R36 : Irritating to eyes.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of H-Statements

H300 : Fatal if swallowed.
H310 : Fatal in contact with skin.
H319 : Causes serious eye irritation.
H373 : May cause damage to organs through prolonged or repeated exposure.
H410 : Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

6.4 : Eye irritation
Acute Tox. : Acute toxicity

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Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
STOT RE	: Specific target organ toxicity - repeated exposure

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