

according to Regulation (EC) No 1907/2006

SANIT Citroplus 20 kg

Revision date: 21.01.2019

Product code: 5550575

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

1.1. Product identifier

SANIT Citroplus 20 kg

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

Use of the substance/mixture

Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Company name:	SANIT-Chemie	
	Reinigungsmittel und -geräte GmbH	
Street:	Dieselstr. 38	
Place:	D-74211 Leingarten	
Telephone:	+49 7131 902100	Telefax: +49 7131 404360
e-mail:	info@sanit-chemie.de	
Contact person:	Produktmanagement	Telephone: 07131 90210-20
Internet:	www.sanit-chemie.de	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes serious eye damage.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Aluminiumchlorid

Signal word: Danger

Pictograms:



Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
7784-13-6	Aluminiumchlorid			15 - < 20 %
			01-2119531563-43	
	Met. Corr. 1, Eye Dam. 1; H290 H318			
5949-29-1	Citric Acid			10 - < 15 %
	201-069-1		02-2119773813-30	
	Eye Irrit. 2; H319			
120313-48-6	Nichtionische Tenside			1 - < 5 %
	Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2; H315 H400 H411			
68391-01-5	N-alkyl-N-benzyl-N,N-dimethylammoniumchlorid			0.1 - < 1 %
	269-919-4			
	Met. Corr. 1, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1 (M-Factor = 10); H290 H312 H302 H314 H400			

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, < 5 % cationic surfactants.

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

If swallowed, immediately drink: Water. Rinse mouth immediately and drink plenty of water. Induce vomiting when the affected person is not unconscious.

Caution if victim vomits: Risk of aspiration!

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

Treat symptomatically.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media

 Co-ordinate fire-fighting measures to the fire surroundings. Water. Foam. Extinguishing powder. Carbon dioxide (CO₂).

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Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains. Treat the recovered material as prescribed in the section on waste disposal.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed in a cool, well-ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves are to be worn: NBR (Nitrile rubber). Thickness of glove material: 0,6mm Breakthrough times and swelling properties of the material must be taken into consideration. penetration time (maximum wearing period): 8h

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SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state: liquid:
 Colour: clear
 pH-Value (at 20 °C): 1

Changes in the physical state

Flash point: Non-flammable.
 Density: 1,24 g/cm³
 Water solubility: completely miscible
 Viscosity / dynamic: not determined

SECTION 10: Stability and reactivity
10.5. Incompatible materials

Oxidizing agents, strong.

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7784-13-6	Aluminiumchlorid				
	oral	LD50 >5000 mg/kg	rat		
5949-29-1	Citric Acid				
	oral	LD50 5400 mg/kg	Mouse.	OECD 401	
	dermal	LD50 >2000 mg/kg	Rat		
68391-01-5	N-alkyl-N-benzyl-N,N-dimethylammoniumchlorid				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			

Sensitising effects

no danger of sensitization.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Further information

Has degreasing effect on the skin.

SECTION 12: Ecological information
12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
5949-29-1	Citric Acid					
	Acute fish toxicity	LC50 440 mg/l	96 h	Lepomis macrochirus (Bluegill)		
	Acute algae toxicity	ErC50 425 mg/l		Scenedesmus quadricauda		
	Acute crustacea toxicity	EC50 1535 mg/l	48 h	Daphnia magna (Big water flea)		
68391-01-5	N-alkyl-N-benzyl-N,N-dimethylammoniumchlorid					
	Acute fish toxicity	LC50 0,93 mg/l	96 h			
	Acute algae toxicity	ErC50 0,049 mg/l				
	Acute crustacea toxicity	EC50 0,025 mg/l	48 h			

12.2. Persistence and degradability

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information
Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information
Changes

This data sheet contains changes from the previous version in section(s): 2.

Safety Data Sheet

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Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)