

<b>Commercial name:</b>	<b>Cleaner SAVAN 210</b>
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### 1. IDENTIFICATION OF SUBSTANCE/COMPANY

**Commercial name:** Cleaner SAVAN 210

**Name/Company address:** SAVAN CHEMIE AG  
Grundstrasse 10a  
CH-8712 Stäfa/Zürich

**Tel. +411 926 22 60**  
**Fax 1411 926 22 91**  
**E-mail: savan@bluewin.ch**

**Product information:** Development

**Emergency telephone number:** R+D Department  
Tel. +411 926 22 60

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### 2. COMPOSITION/COMPONENT DATA

**Chemical composition:** Mix of organic acids, and inorganic acid <10%

**Hazardous contents:** none

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### 3. IDENTIFICATION OF HAZARDS

**Main hazards:** irritation of the eyes

**Environmental hazards:** none

**Classification:** The classifying system is in accordance to the current EG-lists for substances and the current calculation basis for preparation.

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### 4. FIRST AID

**General information:** ---

**Inhalation:** breathe fresh air

**Contact with the skin:** immediately rinse off with soap and water  
Consult a doctor in case of skin irritation.

**Contact with the eyes:** immediately rinse off with water and consult a doctor

**Ingestion:** ---

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### 5. FIRE FIGHTING PROCEDURES

**Provisions:** Powder, foam, CO<sub>2</sub>-extinguisher

**Not recommended:** ---

**Protection for fire-fighters:** protection suit

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### 6. MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL DISPERSION

**Individual precautions:** wear gloves, goggles and protection suit.  
avoid contact with skin and eyes

**Environmental protection:** none

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**Methods of cleaning:** Use absorbent material (sand, wood shavings).  
After cleaning rinse with water.

## 7. HANDLING AND STORAGE

**Handling:** wear protection suit

**Storage:** keep containers closed, when not in use

**Information for safe handling:** ---

## 8. MONITOR INDIVIDUAL EXPOSURE/PROTECTION

**Respiration protection:** ---

**Protection for the hands:** ---

**Protection for the eyes:** use goggles

**Body protection:** ---

**Hygiene measures:** ---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** liquid  
**Colour:** colourless  
**Odour:** neutral

	value	unit	method
<b>Characteristics</b>			
<b>Boiling point:</b>	>100	°C	DIN 53 171
<b>Melting point:</b>	-10	°C	DIN/ISO 3016
<b>Flaming point:</b>	not measurable		
<b>Ignition temperature:</b>	not measurable		
<b>Danger of explosion:</b>	none		
<b>Density:</b>	20°C	1.13 g/cm <sup>3</sup>	DIN 51 757
<b>Solubility in water:</b>	soluble in any proportion		
<b>ph-Value: (g/l)</b>	100 g/l	1.8	DIN

## 10. STABILITY AND REACTIVITY

**Dangerous reactions:** none, if used as directed

**Substance to be avoided:** incompatible with strong bases and/or oxidation agents

**Hazardous decompositions:** No decomposition on normal storage. Thermal decomposition can lead to release of irritating gases and vapours.

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**11. TOXICOLOGICAL DATA**

<b>Acute toxicity:</b>	LD50/p.o./rat	=	11.700 mg/kg
	LD50/i.p./rat	=	885 mg/kg
	LD50/p.o./mouse	=	5.040 mg/kg
	LD50/i.p./mouse	=	961 mg/kg
<b>Contact:</b>	irritates the eyes and skin		
<b>Experience:</b>	if used as directed, health is not afflicted		
<b>Chronic toxicity:</b>	none		

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**12. ECOLOGICAL DATA**

<b>Chemical oxygen need: (CSB)</b>	665	mgO <sub>2</sub> /g	
<b>Biochemical oxygen need: (BSB5)</b>	481	mgO <sub>2</sub> /g	
<b>Biodegradability:</b>	98	% after 2 days (OECD 302B)	
<b>Ecotoxicological effect:</b>	fish (LC50/96/goldfish)	=	440-706 mg/l
	bacteria toxicity	=	10.000 mg/l

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**13. CONSIDERATIONS RELATING TO ELIMINATION**

<b>Product:</b>	can be burned or deposited observing the local official regulations
<b>Unclean containers:</b>	Empty containers are to be handed over to local recycling, recovery or waste disposal

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**14. DATA RELATING TO TRANSPORT**

This product is not hazardous according to transport regulations.
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**15. REGULATORY DATA**

<b>Hazard symbol:</b>	XI-irritation
<b>Phrases-R:</b>	R36 – irritates the eyes
<b>Phrases-S:</b>	S24/25 avoid contact with eyes and skin
<b>Water hazards classification:</b>	WGK = 0

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**16. OTHER INFORMATION**

<b>Toxicity class:</b>	non- toxic BAG T Nr. (EU) 621'000
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The user's attention is drawn to the statutory obligations incumbent upon him, and which incurs his liability.