

SAFETY DATA SHEET

PRODUCT NAME: SAVAN

SECTION 1. DEFINITION OF SUBSTANCE OR MIXTURE AND THE ENTERPRISE

1.1 Product identifier

SAVAN Cleaner 210

1.2 Determined important uses of the substance or the mixture and inadvisable uses

Intended use: Machinery cleaner for industrial users

1.3 Details of the supplier issuing the safety data sheet

Erodex (UK) Ltd

Tipper Industrial Estate, Park Road, Halesowen, West Midlands B63 2RH

+44 (0)1384 892011

sales@erodex.com

www.erodex.com

SECTION 2. POSSIBLE HAZARDS

2.1 Classification of the substance or the mixture

Classification pursuant to 1272/2008 (EU) Directive, Annex VII (paragraphs):

Classified as non-hazardous

2.2 Marking items

Marking pursuant to 1272/2008 (EU) Directive, Annex VII (paragraphs):

Pictogram: Not applicable

Marking word: Not applicable

Hazard descriptions: Not applicable

Safety recommendations P305+351+338 CONTACT WITH EYES: Rinse with water for a couple of minutes.

Remove any contact lenses if possible. Continue rinsing.

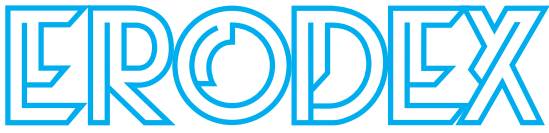
P301+310 SWALLOWING: Consult POISON INFORMATION CENTER or physician immediately.

Components identifying hazards for labeling

None

Other marking items

Children safe lock and braille hazard explanation is not required.



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### 2.3 Other Hazards

Not applicable

## SECTION 3. INFORMATION CONCERNING COMPOSITION / COMPONENTS

### 3.1 Components

Substance Name:	Phosphoric acid .... %
AB-No.:	231-633-2
CAS-No:	7664-38-2
Content:	1...10 %
Classification:	Skin Corr. 1B; H314

(Text of specified hazard definitions are included in section 16)

## SECTION 4. FIRST AID MEASURES

### 4.1 Definition of First Aid Measures

If Inhaled

Provide clean air, consult physician if complaints continue

In case of contact with skin

Remove contaminated clothes, wash the body parts which were in contact.

In case of contact with eyes

Rinse opened eye for several minutes under water.

If swallowed.

Wash your mouth and drink a lot of water. Consult physician if complaints continue.

### 4.2 Significant acute or delayed symptoms and effects

None

### 4.3 Explanations for emergency medical response or special treatment

None

## SECTION 5. FIREFIGHTING MEASURES

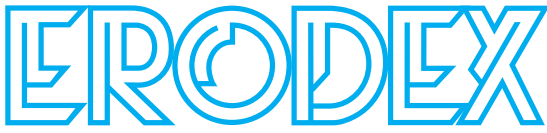
### 5.1 Extinguishing Agent

Suitable :

CO2, dry chemical powder or water jet. Use water jet or alcohol resistant foam against big fires.

Not Suitable:

None



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## 5.2 Special hazard caused by the substance or mixture

None

## 5.3 Information on firefighting

Do not inhale burning fumes.

## SECTION 6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILLAGE/LEAKAGE

### 6.1 Measures against hazards that people are exposed to, protective equipment and actions to be taken in case of emergency

The product causes slippery surfaces when combined with water. Ensure adequate ventilation.

### 6.2 Environment Protection Measures

Dilute with abundant amount of water. Do not discharge to sewage / surface waters / underground waters.

### 6.3 Methods and materials concerning storage and cleaning

Absorb with liquid-binding material (sand, soil with gravel, acid binders, universal binders, sawdust). Ensure adequate ventilation.

### 6.4 Reference to other sections

Destroy the contaminated binder substance as waste according to section 13.

## SECTION 7. USE AND STORAGE

### 7.1 Protective measures for safe use

Measures for prevention of fire and explosion	None
Measures for prevention of dust and aerosols	None
Measures for protection of the environment	Do not destroy together with waste waters.
General Hygiene Measures	None

### 7.2 Conditions for safe storage by considering over-sensitivities

Information on storage conditions	No special request is present.
Requests for storage areas and storage containers	Only keep in its original container (bottle).
Storage Class:	8B (According to VCI) non-flammable, non-abrasive substance

### 7.3 Specific end uses

Manuals concerning branch and sector	None
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## 8. LIMITATION AND INSPECTION OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

### 8.1 Parameter to be kept under control

### 8.1.1 Limit values and/or biological limit values concerning exposure at workplace

Workplace limit values (MAK) Switzerland

Substance Name:	Phosphoric acid
CAS-No.:	7664-38-2
Specification:	-
Value:	1 mg/m <sup>3</sup>
Top Limit:	2 mg/m <sup>3</sup>
Embryotoxic:	No

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Control Method:	-
Substance Name:	Glycerin
CAS-No.:	56-81-5
Specification:	-
Value:	50 mg/m <sup>3</sup>
Top Limit:	100 mg/m <sup>3</sup>
Embryotoxic:	No
Control Method	-

### 8.1.2 DNEL- and PNEC- Values

Not specified

### 8.1.3 Control-Banding (e.g. ILO, EMKG)

Not specified.

## 8.2 Limitation and control of exposure

Keep away from foodstuffs, beverages and feed. Remove contaminated clothes immediately. Wash hands before breaks and at the end of work. Do not allow contact with eyes or skin.

### 8.2.1 Suitable technical control equipment

Not specified

### 8.2.2 Personal protective measures - personal protective equipment

Eye / Face Protection

Tight fitting protective goggles

Skin Protection

Gloves

Gloves made of butyl rubber according to EN 374.

Other Skin Protections

Work Clothes

### Respiratory Protection

Not required in well ventilated spaces. Use respiratory device with filter in case of short-term or limited exposure, use self-contained respiratory device in case of intensive and prolonged exposure.

### Protection against Hot / Cold

None.

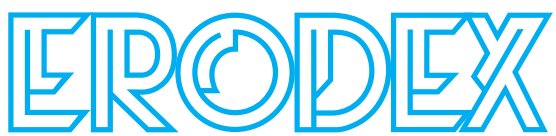
### 8.2.3 Limitation and control of environmental exposure

Not specified

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	-
Aggregate condition:	Liquid
Color:	Yellow
Odor:	Neutral
Odor Threshold:	Not specified
pH-Value:	1.6
Melting point/Freezing point:	-10 °C
Initial boiling point and boiling area:	100 °C (DIN 51751)
Ignition point:	Not used
Evaporation speed:	Not specified
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Flaming (solid, gas):	1010°C (DIN 51794)
Upper/lower flaming or explosion limits: Explosion Limit:	Not specified
Steam pressure:	23 hPa
Steam density:	Not specified
Relative density:	1.13 g / cm <sup>3</sup>
Solubility(Solubilities):	Completely miscible in water
Distribution Coefficient:	Not specified
n-Octanol/Water:	
Autoignition temperature:	Does not autoignite
Decomposition temperature:	Not specified
Viscosity:	Not specified
Explosive properties:	Not specified
Oxidizing Properties:	Not specified



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### 9.2 Miscellaneous Information

Solution substance ratio:

Organic solution substance	3%
Water	74%
VOC	Free

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Not specified

### 10.2 Chemical Stability

Not specified

### 10.3 Hazardous reactions possibility

Hazardous reactions with alkali and soil alkali metals and some strong oxidizing substances.

### 10.4 Conditions to avoid

Not specified

### 10.5 Intolerable metals

Not specified

### 10.6 Hazardous decomposition products

Irritating fumes can be generated if heated.

## Section 11. Toxicological Information

### 11.1 Information concerning toxicological effects

Mixture

Acute toxicity

Not specified

Irritation

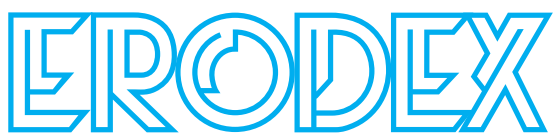
No irritant effect

Abrasion effect

Causes irritant effect for the eyes

Sensitivity

Has no known sensitizing effect.



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Toxicity in case of repetitive exposure

Not specified

Carcinogenicity

Not specified

Mutagenicity

Not specified.

Reproductive Toxicity

Not specified

### 11.2 (Delayed and chronic) symptoms and effects to specify ways of exposure

Including this: Information on toxicokinetics, circulation and distribution

If inhaled

Ensure supply of clean air, consult physician if complaints are present.

In case of contact with skin

Prolonged contact with skin may cause removal of fat from the skin drying-off the skin, resulting in dermatological disorders and dermatitis. Low poisonousness rate.

In case of contact with eyes

The substance may cause irritation and damage to eye tissue if not cleaned immediately.

If swallowed

Very low poisonous effect. Quantities which reach to lungs upon swallowing or vomiting may lead to lung edema or pneumonia.

## SECTION 12. ENVIRONMENTAL INFORMATION

### 12.1 Toxicity information

Mixture

Acute Toxicity

LC 50/95h Goldfish: 440...706 mg/l

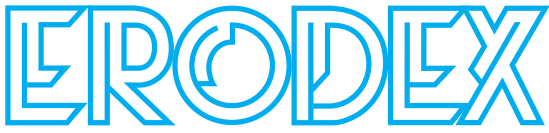
LC 50/95h Bacteria: 1'000 mg/l

CSB: 665 mg O2/g

BSB5: 481 mg O2/g

### 12.2 Permanence and degradability

Not specified



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### 12.3 Bioaccumulation potential

Not specified

### 12.4 Mobility in soil

Not specified

### 12.5 PBT- and vPvB-Assessment Results

Not specified

### 12.6 Miscellaneous hazardous effects

Discharge to sewages or underground waters in high quantities may cause decrease of pH-Value. Low pHValue causes damage to aquatic organisms. Dilution of usage concentration increases pH-Value substantially and waste water reaching to sewage upon use of the product only causes danger for waters of low rate.

## SECTION 13. EXPLANATIONS CONCERNING DESTRUCTION

### 13.1 Waste processing method

Process for full or not completely emptied packages

Special industrial wastes are delivered to disposal companies in Switzerland.

Completely emptied packages

Empty containers can be disposed as burnable waste. Container waters shall be washed with an additional cleaning agent if necessary.

VeVA-Code

VeVA-Code shall be specified for destruction of high quantities:

06 01 04 phosphoric acid and phosphorous acid

Special Measures

Not Specified

Respective EU - or other specifications

Not Specified

## 14. Shipping information

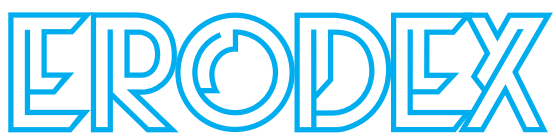
### 14.1 UN Number

Not specified

### 14.2 ADR/RID

Not classified as hazardous product according to shipping directives.





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### 14.3 Shipping hazards class

Not specified.

### 14.4 Packaging Group

Not specified

### 14.5 Environmental Hazards

Not classified as hazardous product according to shipping directives.

### 14.6 Special explanations/measures to be considered by the user

Not specified

## SECTION 15. LEGAL REGULATIONS

### 15.1 Directives for safety, health and protection of environment / specific legal regulations for the substance or mixture

Not specified

### 16. Other Information

#### 16.1 Amendments for the latest version

Sections 2.2 and 3.1.

#### 16.2 Literature information and data resources

Not specified.

#### 16.3 Methods used pursuant to paragraph 9 of 1272/2008 (EU) Directive with the purpose of classification for evaluation of information

1272/2008 (EU) Directive, Annex I

#### 16.4 Text of hazard descriptions and/or safety descriptions referred in articles 2 to 15

Does not cause corrosion on skin or severe eye damage.

#### 16.5 Trainings for workers

Not specified.

#### 16.6 Other Information

Information contained above rely on currently available information and does not constitute any guarantee for specification and only intended for safety information.

Specified data does not constitute sales properties.

Laws and specifications in force shall be considered within own responsibility of the buyer of our product.