

Safety data sheet

according to regulation (EG) Nr. 1907/2006 (REACH)
according to regulation (EU) Nr. 453/2010



Trade name: Compound V10
Revised on: 19.01.2022
Druckdatum: 10.03.2022

Version: EN 2022.01
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1. NAME OF THE SUBSTANCE OR MIXTURE AND THE COMPANY

1.1 product identifier

Article no. (Manufacturer / supplier):
Name of the substance or mixture:
Compound V10

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

Polishing compound

1.3 Details of the supplier who provides the safety data sheet

Supplier (manufacturer / importer / downstream user / dealer):

Manufacturer / supplier: URON GmbH & Co. KG
Street / P.O. Box: Fritz-Neuert-Straße 49 - 51
Nat. Code / ZIP / City: D - 75181 Pforzheim

phone: 0 72 31/ 5 30 36

fax: 0 72 31/ 5 06 24

E-Mail: info@uron-finish.de

Contact point for technical information

Technology & sales: phone: 0 72 31/ 5 30 36

Questions about the safety data sheet: phone: 0 72 31 / 47 252 – 0 (ABAG-itm GmbH)

1.4 Emergency number

Emergency information: Technology & Sales, phone: 0 72 31/5 30 36

The emergency number can only be reached during normal office hours from Monday to Friday: 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 4:00 p.m.

2. POSSIBLE DANGERS

2.1 Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No. 1272/2008 [CLP]

The preparation is classified as dangerous according to the regulation.

Hazard warnings:

Serious eye damage / irritation, Category 1, H318

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



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Signal word

danger

Hazardous component (s) for labeling:

Secondary alkanesulfonate - sodium salt

Hazard statements / H-phrases:

H318: Causes serious eye damage.

Safety instructions / P-phrases:

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 possible. Continue rinsing.

P310: Immediately call a POISON CENTER / doctor /

2.3 Other dangers

The usual precautionary measures when handling chemicals must be observed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 material

It is a mixture, see Section 3.2.

3.2 Mixtures

3.2.1 description

Mixture of the substances listed below with harmless additions. The main components are surfactants, organic acids and inorganic salts.

3.2.2 Hazardous ingredients

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous substance designation classification	CAS no.	Proportion (wt.%)
Secondary alkanesulfonate - sodium salt secondary alkanesulfonate - sodium salt Acute toxicity oral, Category 4, H302 Skin corrosion / irritation, Category 2, H315 Serious eye damage / irritation, Category 1, H318 Hazardous to the aquatic environment: Chronic, Category 3, H412	97489-15-1	7,0
tri-sodium phosphate dodecahydrate, 15-30% in the mixture Skin corrosion / irritation, Category 2, H315 Serious eye damage / irritation, Category 2, H319	10101-89-0	1,50
Isotridecanol Serious eye damage / irritation, Category 1, H318	9043-30-5	1,0
Citric acid monohydrate Serious eye damage / irritation, Category 2, H319	5949-29-1	1,2
Benzenesulfonic acid, sodium salt Acute toxicity oral, Category 4, H302 Skin corrosion / irritation, Category 2, H315 Serious eye damage / irritation, Category 1, H318	68411-30-3	2,0

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3.3 Additional information

The wording of the listed H-phrases can be found in Section 16.

4. FIRST AID MEASURES

4.1 Description of the first aid measures

4.1.1 General information

Get medical advice if symptoms occur or if in doubt.

4.1.2 After inhalation

Fresh air supply.

4.1.3 After skin contact

Wash off immediately with soap and water and rinse well.

4.1.4 After eye contact

Remove contact lenses. Rinse eyes with open eyelids for several minutes under running water. Get medical treatment if irritation occurs.

4.1.5 After swallowing

If swallowed, seek medical advice immediately and show the packaging or label.

4.1.6 Self-protection of the first aider

Observe self-protection (self-protection) of the first aider.

4.1.7 Information for the doctor

No information available

4.2. Most important symptoms and effects, both acute and delayed

Get medical advice if symptoms occur or if in doubt.

4.3 Indication of immediate medical attention or special treatment

If a doctor is consulted, please present this safety data sheet.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing agent

Suitable extinguishing media:

The product itself does not burn. Adapt extinguishing agent to the surrounding fire.

Unsuitable extinguishing agents for safety reasons:

Adapt extinguishing agent to the surrounding fire.

5.2 Special hazards arising from the substance or mixture

No hazardous decomposition products when used as intended.

5.3 Advice for firefighters

In the case of larger fires, self-contained breathing apparatus is recommended.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Safety glasses and protective gloves are recommended.

6.2 Environmental precautions

Do not allow to enter sewers / surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with absorbent, liquid-binding material (kieselguhr, universal binder, etc.) and dispose of according to regulations.

6.4 Reference to other sections

Observe protective regulations (see chapters 7 and 8).

Information to disposal see chapter 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

advice for safe handling

Do not leave vessels open.

Use personal protective clothing.

General hygiene measures:

- Do not eat, drink or smoke in areas where people are working.
- Wash hands after use.

Technical measures / precautionary measures

Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Store tightly closed, no frost, heat or direct sunlight.

Advice on common storage

Storage class: no information available

Further information on storage conditions

Store in the original packaging.

7.3 Specific end uses

No further relevant information available.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

8.1 Control parameters

Components with workplace-related limit values to be monitored:

<u>CAS-No. :</u>	<u>Description:</u>	<u>Type:</u>	<u>Limit value unit</u>
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The product does not contain any relevant quantities of substances with limit values that require monitoring at the workplace.

8.2 Limitation and monitoring of exposure

Suitable technical control equipment

Provide good ventilation.

Individual protection measures, for example personal protective equipment

The wearing of protective gloves and goggles is recommended.

Respiratory protection

Not required under normal conditions. Sufficient ventilation is generally recommended.

Hand protection

Avoid skin contact. The wearing of protective gloves (rubber gloves) is recommended.

Wear protective gloves in case of allergic reactions.

Eye protection

Avoid contact with eyes. We recommend wearing protective goggles.

Body armor

Not required under normal conditions.

Workwear.

Information on industrial hygiene

After handling the material, careful hand washing is recommended before eating, drinking or smoking.

The usual precautionary measures when handling chemicals must be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

9.1.1 Appearance

Physical state / form: liquid

Color: slightly yellowish

Odor: almost odorless

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9.1.2 Security-relevant basic data

Art	value	method	comment
pH value (at 20 ° C)	5,5 - 6,0	-	bei 20 ml/l H ₂ O
Melting point / range (° C)	not applicable	-	
Boiling point (° C)	-	-	
Flash point (° C)	not applicable	-	
Ignition temperature (° C)	not self-igniting	-	
Vapor pressure (in mbar at ° C)	-	-	
Relative density (g / cm ³)	1.0	-	bei 20°C
Bulk density (kg / m ³)	not applicable	-	
Water solubility (at 20 ° C in g / l) Partition coefficient n-octanol / water (log Pow)	easily soluble	-	
	-	-	
Viscosity, dynamic (mPa s / 20 ° C)	-	-	
lower explosion limit	not explosive	-	
Upper explosion limit		-	

n.a. = not available

9.2 Other Information

No further information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

The product is chemically stable under normal ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

If used as intended, no dangerous reactions are to be expected.

10.4 Conditions to avoid

The product is stable under normal conditions.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

10.7 No decomposition if stored normally.

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11. TOXICOLOGICAL INFORMATION

11.1 General remarks

Classification-relevant LD / LC50 values:

CAS No. : 10101-89-0 tri-sodium phosphate dodecahydrate
LD50 oral Ratte: 7400 mg/kg

CAS No. : 5949-29-1 Citric acid monohydrate
LD50 oral Ratte: 3000 mg/kg

11.2 Information on toxicological effects

There are no toxicological findings on the mixture.

Local effects: Can be easily irritating to eyes and skin.
Chronic toxicity: none

Experience in humans: If used as intended, no health impairments are known and are not to be expected.

acute toxicity

Components that may contribute to acute oral toxicity.

- **Benzene sulfonic acid, C10-13 alkyl derivatives, sodium salts** (2.0%), LD 50 (oral): ATE 500 mg / kg
- **Secondary alkanesulfonate - sodium salt** (93%) (7.0%), LD 50 (oral): ATE 500 mg / kg
Calculated estimate of acute oral toxicity ATE (mix): 5555 mg / kg
Skin corrosion / irritation
Relevant ingredients:
- **Benzene sulfonic acid, C10-13 alkyl derivatives, sodium salts** (2.0%) not additive, classification of the substance: Category 2
SCL: Category 2: 10% (general limit value)
- **Secondary alkanesulfonate - sodium salt** (93%) (7.0%) additive, classification of the substance: Category 2
Category 2: 10% (general limit value)
- **Additive tri-sodium phosphate dodecahydrate** (1.5%), classification of the substance: Category 2
Category 2: 10% (general limit value)

Serious eye damage / irritation

Relevant ingredients:

- **Benzene sulfonic acid, C10-13 alkyl derivatives, sodium salts** (2.0%) additive, classification of the substance: Category 1

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SCL: Category 1: 3% (general limit value) Category 2: 10% (general limit value)

- **Citric acid monohydrate E330** (1.2%) not additive, classification of the substance: Category 2
Category 2: 10% (general limit value)
- **Isotridecanol, ethoxylated** (1.0%) additive, classification of the substance: Category 1
Category 1: 3% (general limit value) Category 2: 10% (general limit value)
- **Secondary alkanesulfonate - sodium salt** (93%) (7.0%) additive, classification of the substance:
Category 1
Category 1: 3% (general limit value) Category 2: 10% (general limit value)
- **Additive tri-sodium phosphate dodecahydrate** (1.5%), classification of the substance:
Category 2
Category 2: 10% (general limit value)
Result: The mixture is classified in category 1.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Information on the ingredients

CAS No.: 10101-89-0 tri-sodium phosphate dodecahydrate LC50 fish (96 hours): minimum 748 mg / l; 748 mg / l maximum; Median 748 mg / l

CAS No.: 5949-29-1 Citric acid monohydrate LC50 crustaceans (48 hours): minimum 160 mg / l; 160 mg / l maximum; Median 160 mg / l

Components that can contribute to chronic water pollution.

- Secondary alkanesulfonate - sodium salt (93%) (7.0%), Category 3

The mixture is not classified in this hazard category.

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 the PBT and vPvB assessment

No data available.

12.6 Other adverse effects on the environment

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Due to the metal components that are contained in the wastewater and which are produced by the polishing process, the wastewater must be treated in accordance with local official regulations before it is discharged into the sewer system.

12.7 Additional information

WGK 1 (self-classification): slightly hazardous to water

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with local and / or state regulations. Do not allow to enter sewers, bodies of water or the ground.

Appropriate disposal / product

Recommendation:

Do not discharge into drains or rivers. Treat contaminated packaging like the substance. Waste and containers must be disposed of in a safe manner. Disposal in accordance with EC directives 75/442 / EEC and 91/689 / EEC on waste and hazardous waste in their current versions.

List of suggestions for waste codes / waste designations according to EAK / AVV:

EAK code for sludge and filter cake after treatment:

11 01 09 * sludges and filter cakes containing dangerous substances

11 01 10 sludges and filter cakes other than those mentioned in 11 01 09

Unused product:

11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11

Packaging:

Uncleaned packaging: Disposal according to local, official regulations.

Uncontaminated and cleaned packaging can be recycled.

13.2 Additional information

The waste producer is responsible for the classification of the waste according to the AVV. The mentioned waste codes are recommendations based on the likely use of this product. Due to the special use and disposal conditions at the user, other waste codes can also be assigned under certain circumstances.

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14. TRANSPORT INFORMATION

No dangerous good in the sense of the transport regulations.

15. LEGISLATION

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

15.1.1 EU Regulations

Regulation (EC) No. 1907/2006 (REACH)
Regulation (EU) No. 453/2010
Regulation (EC) No. 1272/2008 (GHS)

15.1.2 National regulations

Water hazard class
WGK 1 (slightly hazardous to water)

15.2 Chemical Safety Assessment

The mixture has not been subjected to a chemical safety assessment.

16. OTHER INFORMATION

Hazard warnings to which reference is made in Sections 2 and 3

According to Regulation (EC) No. 1272/2008:

Hazard statements / H-phrases:

H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Safety instructions / P-phrases:

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 possible. Continue rinsing.
P310: Immediately call a POISON CENTER / doctor /

Training advice

Not relevant

Recommended restriction (s) of the application

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For commercial use only - no public product.

Changes compared to the previous version

Update, switch to GHS

additional Information

The information in this safety data sheet corresponds to our current level of knowledge as well as national and EU regulations. The product must not be used for any purpose other than that specified in Chapter 1 without written approval. It is always the responsibility of the user to take all necessary measures to meet the requirements set out in local rules and laws. All information is given to the best of our knowledge and belief, but does not exempt our customers from checking whether the product is applicable to their specific requirements. The above information relates specifically to the safety requirements and does not represent a guarantee for the product itself. Reference is made to the technical data sheets.

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