

Cleanion Pro

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision Date: 15.05.2025 Supersedes Date: 26.02.2020

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

1.1. Product identifier

Product name Nasiol Cleanion Pro

Product description Automotive maintenance product for consumer and professional

use.

Other means of UFI: VJMQ-W2C9-2A0W-GP2H

identification

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

Identified uses Car wash detergent.

Uses advised against No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

Supplier Artekya Teknoloji Limited Şirketi

Ziyagokalp Mah. Heskop San. Sit. M10/189 34490 Basaksehir – Istanbul / TURKEY

Tel: +90 (212) 670 13 95 info@artekya.com

1.4. Emergency telephone number

Emergency telephone +90 (532) 769 44 27

+90 (212) 670 13 95

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazardsNot classifiedHealth hazardsSkin Irrit. 2 – H315

Eye Dam. 1 – H318

Not classified

Environmental hazards

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H315 Causes skin irritation.

Precautionary statements H318 Causes serious eye damage.

P264 Wash thoroughly after handling.

P280 Wear protective clothing, gloves, eye and 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/...

P332+P313 If skin irritation occurs: Get medical advice/attention.



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P501 Dispose of contents/container in accordance with national

regulations.

Contains Alcohols, C12-14, ethoxylated, sulfates, sodium salts; sodium

metasilicate.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Endocrine-disrupting properties: The product fails to meet the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Substance Name | Identification Numbers | Classification | Concentration (wt%) |
|--|--|--|---------------------|
| Distillated Water | CAS Number: 7732-18-5 EC Number: 231-791-2 | - | >40-60 |
| Potassium pyrophosphate | CAS Number: 7320-34-5 EC Number: 230-785-7 | Eye Irrit. 2 – H319 | >10-20 |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | CAS Number: 68891-38-3 EC Number: 500-234-8 | Skin Irrit. 2 – H315 Eye Dam. 1 – H318 Aquatic Chronic 3 – H412 | >5-15 |
| Sodium metasilicate | CAS Number: 6834-92-0 EC Number: 229-912-9 | Met. Corr. 1 – H290 Skin Corr. 1B – H314 Eye Dam. 1 – H318 STOT SE 3 (Respiratory System) – H335 | >2-5 |

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information Get medical attention immediately. Show this Safety Data Sheet to

the medical personnel.

Inhalation Remove affected person from source of contamination. Move

affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the

recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting unless

under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give





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anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing

can take place.

Skin contact Wash skin thoroughly with soap and water or use an approved skin

cleanser. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses

and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Protection of first aiders First aid personnel should wear appropriate protective equipment

during any rescue.

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

General information See Section 11 for additional information of health hazards. The

severity of the symptoms described will vary dependent on the

concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory

system.

Ingestion Gastrointestinal symptoms, including upset stomach. Fumes from

the stomach contents may be inhaled, resulting in the same symptoms as inhalation. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical

pneumonitis.

Skin contact May cause an allergic skin reaction.

Eye contact May cause temporary eye irritation.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing The product is not flammable. Extinguish with foam, carbon dioxide,

media dry powder or media water fog.

Unsuitable extinguishing Do not use water jet as an extinguisher, as this will spread the fire.

media

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to

excessive pressure build-up.

Hazardous combustion Thermal decomposition or combustion products may include the

following products substances: Harmful gases or vapors.

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5.3. Advice for firefighters

firefighting

Protective actions during Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) appropriate protective clothing. Firefighter's clothing and conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions

Immiscible with water. Spills may have hazardous effects on the environment. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small spillages: Collect spillage. Large spillage: Absorb spillage with noncombustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional



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information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Avoid contact

with skin. Take precautionary measures against static discharge.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well-ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent. Use containers made of the following materials: Teflon Polyethylene. Carbon steel. PP; Polypropylene. Unsuitable container materials: PS; Polystyrene. Rubber. EPDM; Ethylene Propylene Diene Monomer.

Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The

The identified uses of this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments 8.2. Exposure controls

Protective equipment

No exposure limits known for ingredient(s).







Appropriate engineering controls

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are



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regularly inspected and maintained. Ensure operatives are trained to

minimize exposure.

Eye/face protection Eyewear complying with an approved standard should be worn if a

risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be

worn: Tight-fitting safety glasses.

Hand protection Chemical resistant, impervious gloves complying with an approved

standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Frequent changes are recommended.

Other skin and body Appropriate footwear and additional protective clothing complying

with an approved standard should be worn if a risk assessment

indicates skin contamination is possible.

Hygiene measures Provide eyewash station and safety shower. Contaminated work

clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating,

smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out.

Warn cleaning personnel of any hazardous properties of the product.

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is

possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits

tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply

with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with

European Standard EN140.

Environmental exposure controls

Respiratory protection

exposure Keep container tightly sealed when not in use.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Viscous Liquid.

Colour Pink.

Odour Characteristic

Odour threshold No information available.

pH 12.5-13

Melting point No information available.

Initial boiling point and No information available.

range

Flash point Not applicable.

Evaporation rate No information available.

Flammability (solid, gas) Not applicable.

Upper/lower flammabilityNo information available.or explosive limitsNo information available.Vapor pressureNo information available.Vapor densityNo information available.Relative densityNo information available.

Density 1.17 g/cm³.

Partition coefficient n- Not applicable.

octanol/water 20°C

Solubility(ies)No information available.Partition coefficientNo information available.Auto-ignitionNo information available.

temperature

Decomposition No information available.

temperature

Viscosity No information available. Explosive properties No information available.

Oxidizing properties Not available.

Particle characteristics Not applicable.

9.2. Other information

Information with regard to physical hazard classes

Explosives Not applicable.

Oxidizing properties Not applicable.

Self-heating Not applicable.

substances and

mixtures

Corrosion to metals Not applicable.



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Other safety characteristics

SAPT-temperature Not applicable.
Surface tension Not applicable.
Refraction index: Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical Stability

Stability Stable at normal ambient temperatures and when used as

recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous No potentially hazardous reactions known.

reactions

10.4. Conditions to avoid

Conditions to avoid No information available.

10.5. Incompatible materials

Materials to avoid Strong acids, strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition Does not decompose when used and stored as recommended.

Thermal decomposition or combustion products may include the following substances: Harmful gases and vapors. Organic amine

vapors.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

products

| Tiouto toxiony | | | |
|---|-----------------------|-----------------|---------|
| Substance Name | Exposure Route | Dose | Species |
| Potassium pyrophosphate | Oral | Not available | |
| | Dermal | LD50 4640 mg/kg | Rabbit |
| | Inhalation (4h) Vapor | 1.1 mg/l | Rat |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | Oral | LD50 2000 mg/kg | Rat |
| | Dermal | LD50 2000 mg/kg | Rat |
| | Inhalation (4h) Vapor | Not available | |
| | Oral | LD50 1152 mg/kg | Rat |
| Sodium metasilicate | Dermal | LD50 5000 mg/kg | Rat |
| | Inhalation (4h) Vapor | LC50 2.06 mg/l | Rat |

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye Causes serious eye damage.

damage/irritation



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Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity – in vitro Based on available data the classification criteria are not met.

Carciogenicity

Carciogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - Based on available data the classification criteria are not met.

fertility

Reproductive toxicity - Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

STOT – single exposure May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

STOT – repeated Not classified as a specific target organ toxicant

exposure

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting The product does not contain a substance that is considered to have

properties endocrine disrupting properties.

SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally

hazardous. However, large or frequent spills may have hazardous

effects on the environment.

12.1. Toxicity

Toxicity

| Substance Name | Exposure Route | Dose |
|---|------------------------------|--|
| Potassium pyrophosphate | Acute fish toxicity | Not available |
| | Acute algae toxicity | Not available |
| | Acute invertebrates toxicity | EC50 >100 mg/l / 48 h (Daphnia) |
| | Acute bacteria toxicity | Not available |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | Acute fish toxicity | LC50 >1-10 mg/l (Brachydanio rerio) |
| | Acute algae toxicity | EC50 >10-100 mg/l / 72 h (Green algae) |
| | Acute invertebrates toxicity | EC50 >1-10 mg/l / 48 h (Daphnia) |
| | Acute bacteria toxicity | EC10 >10000 mg/l (Pseudomanas putida) |



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| Sodium metasilicate | Acute fish toxicity | LC50 250 mg/l / 96 h (Danio rerio) |
|------------------------|------------------------------|--|
| | Acute algae toxicity | EC50 207 mg/l / 72 h (Green algae) |
| | Acute invertebrates toxicity | EC50 1700 mg/l / 48 h (Daphnia) |
| | Acute bacteria toxicity | EC50 100 mg/l / 3 h (Activated sludge) |

12.2. Persistance and degradability

Persistance and Product is biodegradable.

degradability

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely. **Partition coefficient** No information available.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current

assessment EU criteria.

12.6. Endocrine disrupting properties

Endocrine disrupting The product does not contain a substance that is considered to

properties have endocrine disrupting properties.

12.7. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal consideration

13.1. Waste treatment methods

General information The generation of waste should be minimized or avoided wherever

possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers on liners may retain some product

residues and hence be potentially hazardous.

Disposal methods Do not empty into drains. Dispose of surplus products and those that

cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should

only be considered when recycling is not feasible.



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SECTION 14: Transport information

General The product is not covered by international regulations on the

transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN Number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmentally hazardous No

substance/ marine product

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended). The Carriage

of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

EU legislation Commission Regulation (EU) 2015/830 of 28 May 2015 amending

Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction

of Chemicals (REACH)

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as

amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Regulation (EC) No 1272/2008, CLP

Authorizations (Title VII

No specific authorizations are known for this product.

Regulation 1907/2006)

Restrictions (Title VII

No specific restrictions on use are known for this product.

Regulation 1907/2006)

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Seveso Directive - Control Not applicable.

of major accident hazards

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in this safety data sheet

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of

Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of

Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous

Goods by Air.

IMDG: International Maritime Code for Dangerous Goods.

CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.

LC50: Lethal Concentration to 50% of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC50: 50% of maximal Effective Concentration. IC50: Half maximal Inhibitory Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Verp Persistent and Very Bioaccumulative.

Chemical abbreviations

and acronyms

Eye Dam. = Eye damage Eye Irrit. = Eye irritation

Skin Irrit. = Skin irritation

STOT SE = Specific target organ toxicity - single exposure

Met. Corr. = May be corrosive to metals

General information No additional information is available.

Key literature references and sources for data

Source: European Chemical Agency, http://echa.europa.eu/

Training advice Read and follow manufacturer's recommendations. Only trained

personnel should use this material.

Revision comments The chemical composition is revised.

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Hazard statements in full H315 Causes skin irritation.

H318 Causes serious eye damage.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.