

CleaRub 105

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

Revision Date: 24.10.2022 Supersedes Date: 20.12.2021

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

1.1. Product identifier

Product name Nasiol CleaRub 105

Product description High performance cutting compound.

Other means of UFI: Not applicable

identification

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

Identified uses Automotive car care.

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 Artekya Tel: +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 hazards The product is not classified as physically hazardous.

Health hazards The product is not classified as hazardous for health.

Environmental hazards The product is not classified as environmentally hazardous.

2.2. Label elements

Precautionary statements P102 Keep out of reach of children.

Special labelling for certain EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one

mixtures (EG No. 247-500-7) and 2 -methyl-2H-isothiazol-3-one (EG No. 220-

239-6) (3:1).. May produce an allergic reaction. EUH210 Safety data sheet available on request.

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%)
Hydrocarbons, C10-C13, n-alkanes,	CAS Number: 64742-48-9	Asp. Tox. 1 – H304 EUH066	10 - <15%

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isoalkanes, cyclics, < 2% aromatics	EC Number: 918-481-9		
white mineral oil (petroleum)	CAS Number: 8042-47-5 EC Number: 232-455-8	Asp. Tox. 1; H304	1-<5%
mixture of 5-chloro- 2-methyl-2H- isothiazol-3-one (EG No. 247-500-7) and < 2-methyl-2H- isothiazol-3-one (EG No. 220-239-6) (3:1)	CAS Number: 55965-84-9 EC Number: 611-341-5	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071	< 0.1 %

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information No special measures are necessary. When in doubt or if symptoms are

observed, get medical advice.

Inhalation Provide fresh air. In case of respiratory tract irritation, consult a

physician.

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.

Tollowing ingestion of vorniting may cause chemical pricumonitis.

Skin contact After contact with skin, wash immediately with plenty of water and

soap. Take off contaminated clothing and wash it before reuse.

Eye contact Rinse immediately carefully and thoroughly with eye-bath or water.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing Foam. Dry extinguishing powder. Carbon dioxide (CO2). Water spray

jet. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing

media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards No special measures are necessary.

5.3. Advice for firefighters

exposed to **firefighting**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

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> 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 Wear positive-pressure self-contained breathing apparatus (SCBA)

and equipment for firefighters appropriate protective clothing. Firefighter's clothing 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 information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary. Minimum standard for preventive measures while handling with working materials are specified in the TGRS 500.



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Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable

sources can be kept away.

Further information on

handling

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke, eat or drink. Avoid contact

with skin, eyes and clothes. Avoid breathing

dust/fume/gas/mist/vapors/spray.

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.

Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s) Automotive care products.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Exposure Limits (EH40)

Substance Name	CAS No	ppm	mg/m³	Fibers/mL	Category	Origin
Aluminum Oxides, respirable dust	1344-28-1	ı	4		TWA (8h)	WEL
Glycerol, mist	56-81-5	-	10		TWA (8h)	WEL

DNEL/DMEL values

Substance Name	CAS No		
DNEL type	Exposure Route	Effect	Value
white mineral oil (petroleum)	8042-47-5		
Consumer DNEL, long-term	inhalation	systemic	35 mg/m ³
Consumer DNEL, long-term	dermal	systemic	93 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	160 mg/m ³
Worker DNEL, long-term	dermal	systemic	220 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	40 mg/kg bw/day
aluminum oxide	1344-28-1		
Consumer DNEL, long-term	oral	systemic	3.29 mg/kg bw/day
Worker DNEL, long-term	inhalation	local	15.63 mg/m3



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glycerol	56-81-5		
Consumer DNEL, long-term	oral	systemic	229 mg/kg bw/day
Worker DNEL, long-term	inhalation	local	56 mg/m3
Consumer DNEL, long-term	inhalation	local	33 mg/m3

PNEC values

Substance Name	CAS No	
Environmental compartment		Value
aluminum oxide	1344-28-1	
Fresh water		0.0749 mg/L
Micro-organisms in sewage tr	eatment plants (STP)	20 mg/L
glycerol	56-81-5	
Fresh water		0.885 mg/L
Marine water		0.00885 mg/L
Fresh water sediment		3.3 mg/kg
Marine sediment		0.33 mg/kg
Soil		0.141 mg/kg

8.2. Exposure controls Protective equipment







Appropriate engineering

Provide adequate ventilation. Personal, workplace environment or biological

controls

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 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

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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

protection

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 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

Environmental exposure

controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Standard EN140.

Physical state Viscous Liquid.

Colour White.

Odour Characteristic.

Odour threshold No information available.

pH 7,8

Melting point No information available.

Initial boiling point and 100°C @4 mmHg.

range

Flash point >61°C.

Evaporation rate No information available.

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Flammability (solid, gas) Not applicable.

Upper/lower flammability 12% v/v (upper), 0.9% v/v (lower).

or explosive limits

Vapor pressure 10 mmHg @20°C.

Vapor density >2.52.

Relative density No information available.

Density 1,02 g/cm³.

Partition coefficient n- Not applicable.

octanol/water 20°C

Solubility(ies) Immiscible with water.

Partition coefficient No information available.

Auto-ignition temperature 200°C.

Decomposition No information available.

temperature

Viscosity 25000-30000 mPa.s Explosive properties No information available.

Oxidizing properties Not available.

Solvent content 16.00 %

Particle Not applicable

characteristics

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.

Other safety characteristics

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

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No hazardous reaction when handled and stored according to

provisions.

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

reactions

No potentially hazardous reactions known.

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10.4. Conditions to avoid

Conditions to avoid Avoid heat. Containers can burst violently or explode when

heated, due to excessive pressure build-up.

10.5. Incompatible materials

Materials to avoid Strong acid. Strong alkali. Highly oxidizing substances.

10.6. Hazardous decomposition products

Hazardous decomposition No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity

Substance Name	Exposure Route	Dose	Species
Hydrocarbons, C10-	Oral	LD50 > 5000 mg/kg (OECD 401)	Rat
C13, n-alkanes, isoalkanes, cyclics, <	Dermal	LD50 > 2000 mg/kg (OECD 402)	Rabbit
2% aromatics	Inhalation (4h) Vapor	LC50 > 9,3 mg/L (OECD 403)	Rat
	Oral	LD50 > 5000 mg/kg (OECD 401)	Rat
white mineral oil (petroleum)	Dermal	LD50 > 2000 mg/kg (OECD 402)	Rabbit
	Inhalation (4h) Vapor	LC50 > 5,09 mg/L (OECD 403)	Rat
mixture of 5-chloro-2-	Oral	LD50 66 mg/kg	Rat
methyl-2H-isothiazol-3- one (EG No. 247-500-7)	Dermal	LD50 >141 mg/kg	
and 2-methyl-2H-isothiazol-3-one (EG No.	Inhalation (4h) Vapor	ATE 0,5 mg/L	
220-239-6) (3:1).	Inhalation aerosol	ATE 0,05 mg/L	

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/ Based on available data the classification criteria are not met.

irritation

Respiratory sensitization

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

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.

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IARC carcinogenicity Reproductive toxicity None of the ingredients are listed or exempt.

Reproductive toxicity -

Based on available data the classification criteria are not met.

fertility

Based on available data the classification criteria are not met.

Reproductive toxicity development

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

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

endocrine disrupting properties. properties

SECTION 12: Ecological information

Based on available data the classification criteria are not met. **Ecotoxicity**

12.1. Toxicity **Toxicity**

Substance Name	Exposure Route	Dose
	Acute fish toxicity	LC50 > 1000 mg/l (OECD 203)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Acute algae toxicity	ErC50 > 1000 mg/l (OECD 201)
cyclics, \ 2 % aromatics	Acute invertebrates toxicity	EC50 > 1000 mg/l (OECD 202)
	Acute fish toxicity	LL50 > 1000 mg/I (OECD 203)
white mineral oil	Acute algae toxicity	ErC50 > 100 mg/I (OECD 201)
(petroleum)	Acute crustacea toxicity	EL50 > 100 mg/l (OECD 202)
	Algea toxicty	NOEC50 >= 100 mg/l (OECD 201)
	Acute fish toxicity	LC50 0,22 mg/kg (OECD 201)
mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).	Acute algae toxicity	ErC50 >0,048mg/kg (OECD 201)
	Acute crustacea toxicity	EC50 > 0,1 mg/I (OECD 202)
	Fish toxicty	NOEC50 >= 0,098mg/I (OECD 201)
	Algea toxicty	NOEC50 >= 0,0012 mg/l (OECD 201)

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Crustacea toxicity	NOEC50 >= 0,004 mg/l (OECD 211)
Acute bacteria toxicity	7,92 mg/l (OECD 209)

12.2. Persistance and degradability

Persistance and The substances in the mixture do not meet the PBT/vPvB criteria

according to REACH, annex XIII.

degradability

12.3. Bioaccumulative potential

Bioaccumulative potential The product has not been tested.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility The product has not been tested.

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

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

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

EU regulatory information

2010/75/EU (VOC): 12,5% (127,5 g/L) 2004/42/EC (VOC): 12,5% (127.502 g/L)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and ADR: European Agreement concerning the International Carriage of

acronyms used in this Dangerous Goods by Road.

safety data sheet 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.



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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).

 EC_{50} : 50% of maximal Effective Concentration. IC_{50} : Half maximal Inhibitory Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Verp Persistent and Very Bioaccumulative.

Chemical abbreviations

and acronyms

Asp. Tox. = Aspiration hazard

General information Only trained personnel should use this material.

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 Revised according to the REACH Regulation (EC) 1907/2006

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Hazard statements in full H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-

239-6) (3:1).. May produce an allergic reaction. EUH210 Safety data sheet available on request.

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.