

SAFETY DATA SHEET KAUCUKLU GRES 3

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1. Product identifier

Product name KAUCUKLU GRES 3

Product number 41124

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

Identified uses Grease.

Uses advised againstUse only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier PETROL OFISI A.Ş.

Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ Istanbul

Tel: +90 850 339 1919 Fax: +90 216 275 3854 madeniyag@petrolofisi.com.tr

Contact person Customer Services: madeniyag@petrolofisi.com.tr

1.4. Emergency telephone number

Emergency telephone Madeni Yağ Müşteri Hizmetleri: 0850 339 19 19 (mesai saatleri)

National emergency telephone

number

National Poison Consultance Center: 114 Emergency Medical Services: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Carc. 1B - H350

Environmental hazards Aquatic Chronic 3 - H412

Human health May cause skin disorders if contact is repeated or prolonged.

Environmental The product is not expected to be hazardous to the environment.

Physicochemical This product is not flammable.

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H350 May cause cancer.

H412 Harmful to aquatic life with long lasting effects.



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Precautionary statements P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P308+P313 IF exposed or concerned: Get medical advice/ attention.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

Contains HEAVY PARAFFINIC DISTILLATE SOLVENT

2.3. Other hazards

Bölüm 8'de belirtilen kişisel korunma cihazlarını kullanın.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

HEAVY PARAFFINIC DISTILLATE SOLVENT

25-40%

Classification Carc. 1B - H350

Aquatic Chronic 3 - H412

Distillates (petroleum), hydrotreated heavy paraffinic

5-10%

CAS number: 64742-54-7 EC number: 265-157-1 REACH registration number: 01-

2119484627-25-0033

Classification
Not Classified

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

Composition comments Some substances are not classified by legistlation. They are self classified by the manufacturer. The

DMSO extract by IP 346 of the oil is less than 3%

Ingredient notes See Section 8 for occupational exposure limits.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention if any discomfort continues.

Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any

discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly

with water. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin

thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Remove affected person from source of contamination. Remove any contact lenses and open eyelids

wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.



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

General information Treat symptomatically.

Inhalation No specific symptoms known.

Ingestion No specific symptoms known.

Skin contact

No specific symptoms known.

Eye contact

No specific symptoms known.

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

Notes for the doctor Treat symptomatically.

Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

5.2. Special hazards arising from the substance or mixture

Specific hazards Not known.

Hazardous combustion products None known.

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours.

Special protective equipment for

firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

For emergency responders Notification: In case of spillage, notify the local authorities as appropriate or as necessary. Stop the

leakage source if it can be done without risk.Limit spillage to prevent further contamination of soil, surface or ground water.Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection.Use suitable techniques such as non-flammable absorbent materials or pumping.When possible or appropriate, remove the contaminated soil from the area.Place contaminated products in disposable boxes and dispose of in accordance with regulations.If a heated material is spilled, allow it to cool before handling with disposal methods. Proper ventilation should

be provided.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up



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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush

contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or

watercourses.

6.4. Reference to other sections

Reference to other sections See Section 7 for more information on safe handling. For personal protection, see Section 8. See Section

1 for emergency contact information. For waste disposal, see Section 13. See Section 11 for additional

information on health hazards. See Section 12 for additional information on ecological hazards.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

Advice on general occupational

hygiene

Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash after use and before eating, smoking and using the toilet. Wash hands and

any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original

container

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description The product must be used as specified in the data sheet.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Distillates (petroleum), hydrotreated heavy paraffinic

Oil mist: TWA: 5 mg/m3 (ACGIH).In no case should this limit be exceeded or the local limit, if it is more restrictive.

Ingredient comments WEL = Workplace Exposure Limits

Biological limit values

No information available.

DNEL

No information available.

PNEC

No information available.

No information available.

Highly refined mineral oil (CAS: 64742-01-4)

Ingredient comments Oil Mist TWA: 5 mg /m3 (ACGIH).

HEAVY PARAFFINIC DISTILLATE SOLVENT (CAS: 64742-04-7)

Ingredient comments ACGIH: TWA: 5 mg/m3 STEL: 10 mg/m3

8.2. Exposure controls



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (ÉÙ) 2020/878 of 18 June 2020.

Protective equipment







Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for

the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact

is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk

assessment indicates skin contact is possible.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before

eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use

appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination

occurs.

Thermal hazards If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with

high temperatures.

Inconclusive data.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the

requirements of environmental protection legislation. Store in a demarcated bunded area to prevent

release to drains and/or watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Grease

Dark. Green. Colour Odour Characteristic.

pН Scientifically unjustified.

Melting point Inconclusive data Initial boiling point and range Inconclusive data.

Flash point 90 damlama noktası- dropping point°C

Evaporation rate Inconclusive data. Inconclusive data. **Evaporation factor** Flammability (solid, gas) Inconclusive data. Upper/lower flammability or Inconclusive data

explosive limits

Odour threshold

Other flammability Inconclusive data. Inconclusive data. Vapour pressure



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Vapour density Inconclusive data.

Relative density Inconclusive data.

Bulk density Inconclusive data.

Solubility(ies) Insoluble in water.

Partition coefficient Inconclusive data.

Auto-ignition temperature Inconclusive data.

Decomposition Temperature Inconclusive data.

Viscosity 244 işlenmiş penetrasyon - processed penetration @ 25°C

Explosive properties Inconclusive data.

Explosive under the influence of a Inconclusive data.

flame

Oxidising properties Inconclusive data.

Comments No other information known.

Particle characteristic

9.2. Other information

Other information No information required. Refractive index No information required. Particle size No information required. Molecular weight No information required. Volatility No information required. Saturation concentration No information required. Critical temperature No information required. Volatile organic compound No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity This product is stable under normal conditions.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time. Avoid contact with strong reducing agents.

10.5. Incompatible materials

Materials to avoid Strong reducing agents. Strong oxidising agents. Strong alkalis. Strong acids.



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10.6. Hazardous decomposition products

Hazardous decomposition

None known.

products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

12/2/2006

Other health effects Based on available data the classification criteria are not met.

Toxicological effectsBased on available data the classification criteria are not met.

Acute toxicity - oral

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

Notes (oral LD₅o) Based on available data the classification criteria are not met.

Acute toxicity - dermal

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

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

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

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

No other information known.

Skin corrosion/irritation

Human skin model test

Summary Irritating.

Skin corrosion/irritation Irritating to skin.

Animal data No other information known.

Extreme pH No other information known.

Serious eye damage/irritation

Summary Causes eye irritation.

Serious eye damage/irritation Irritation of eyes is assumed.

Respiratory sensitisation

Summary No other information known.

Respiratory sensitisation No other information known.

Skin sensitisation

Summary No other information known.

Skin sensitisation No other information known.

Germ cell mutagenicity

Summary No other information known.



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Genotoxicity - in vitroNo other information known.

Genotoxicity - in vivo No other information known.

Carcinogenicity

Summary No other information known.

Carcinogenicity No other information known.

Target organ for carcinogenicity No other information known.

IARC carcinogenicity No other information known.

NTP carcinogenicity No other information known.

Reproductive toxicity

Summary No other information known.

Reproductive toxicity - fertility No other information known.

Reproductive toxicity -

No other information known.

development

Specific target organ toxicity - single exposure

Summary No other information known.

STOT - single exposure No other information known.

Target organs No other information known.

Specific target organ toxicity - repeated exposure

Summary No other information known.

STOT - repeated exposureNo other information known.

Target organs No other information known.

Aspiration hazard

Summary No other information known.

Aspiration hazard No other information known.

Toxicokinetics No other information known.

General information No other information known.

Inhalation Toxic: danger of serious damage to health by prolonged exposure through inhalation.

Ingestion Toxic if swallowed.

Skin contact Toxic: danger of serious damage to health by prolonged exposure in contact with skin.

Eye contact Irritating to eyes.

Acute and chronic health hazards No other information known.

Route of exposure No other information known.

Target organs No other information known.

Medical symptoms No other information known.



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Medical considerations No other information known.

11.2 Information on other hazards

Information on other hazards

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

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

Acute aquatic toxicity

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

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

Acute toxicity - aquatic

invertebrates

Based on available data the classification criteria are not met.

Acute toxicity - aquatic plants Based on available data the classification criteria are not met.

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

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

Chronic aquatic toxicity

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

Chronic toxicity - fish early life

stage

Based on available data the classification criteria are not met.

Short term toxicity - embryo and

sac fry stages

Based on available data the classification criteria are not met.

Chronic toxicity - aquatic

invertebrates

Based on available data the classification criteria are not met.

Toxicity to soil Based on available data the classification criteria are not met.

Toxicity to terrestrial plantsBased on available data the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability Based on available data the classification criteria are not met.

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

Stability (hydrolysis)

Based on available data the classification criteria are not met.

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

Biological oxygen demand Based on available data the classification criteria are not met.

Chemical oxygen demand Based on available data the classification criteria are not met.

12.3. Bioaccumulative potential

Bioaccumulative potentialBased on available data the classification criteria are not met.

Partition coefficient Inconclusive data.



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12.4. Mobility in soil

Mobility The product is immiscible with water and will spread on the water surface.

Adsorption/desorption coefficient Based on available data the classification criteria are not met.

Henry's law constant Based on available data the classification criteria are not met.

Surface tension Based on available data the classification criteria are not met.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

No other information known.

12.6 Endocrine disrupting

properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects No other information known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible.

Disposal methodsDispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste

Disposal Authority. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

Waste class

The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

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

UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

Transport labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards



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Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Maritime transport in bulk according to IMO instruments

Transport in bulk according to

Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

https://echa.europa.eu

EU legislation T. C. Environment and urban ministry, mplementing Regulation on the Classification, Labeling and

Packaging of Substances and Mixtures, No. 28848, dated December 11, 2013

Guidance Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information



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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Abbreviations and acronyms used E.U.: European union

in the safety data sheet

DMSO: Dimethyl sulfoxide

KKE: Personal protective aquipment STEL: Short term exposure limit T.C.: Republic of Turkey TWA: Workplace exposure limits

UZEM: National Poison Information Center

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

GHS: Globally Harmonized System.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

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

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

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No

1907/2006.

vPvB: Very Persistent and Very Bioaccumulative. IARC: International Agency for Research on Cancer.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified

by the Protocol of 1978.

EC₅₀: 50% of maximal Effective Concentration. LOAEL: Lowest Observed Adverse Effect Level. NOAEL: No Observed Adverse Effect Level.

Classification abbreviations and

acronyms

Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation Eye Irrit. = Eye irritation

STOT SE = Specific target organ toxicity-single exposure

Acute Tox. = Acute toxicity

Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)

General information

Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters. MSDS Distribution: The information in this document should be made available to all who may handle the product. Uses and Restrictions: This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Key literature references and sources for data

This SDS is prepared based on the information received from raw material suppliers.

Classification procedures according to Regulation (EC) 1272/2008

Not classified for physical hazards., Not classified for environmental hazards.: Calculation method., Supplier information Carc. 1B - H350: Calculation method., Supplier information

Training advice Untrained personnel should not use.

Revision comments Revised classification.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Issued by Sena Ezgi Selçuk Chemical Assessment Specialist (Certificate No: KDU01.29.06 17.12.2027)

Revision date 20/03/2024

Revision 5

Supersedes date 17/02/2011

SDS number 10359

Hazard statements in full H350 May cause cancer.

H412 Harmful to aquatic life with long lasting effects.

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.