



## SAFETY DATA SHEET ULTRA GRES CS-146

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** ULTRA GRES CS-146

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

**Identified uses** All-purpose industrial and automotive grease.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** PETROL OFİSİ A.Ş.  
Ünalın Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ İstanbul  
Tel: +90 850 339 1919  
Fax: +90 216 275 3854  
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** 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** Skin Irrit. 2 - H315 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

#### 2.2. Label elements

**Hazard pictograms**



**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
H318 Causes serious eye damage.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
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.  
P321 Specific treatment (see medical advice on this label).  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

**Contains** calcium dihydroxide, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., Zinc alkyldithiophosphate



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### 2.3. Other hazards

Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50)</b>	<b>40-60%</b>
CAS number: 74869-22-0                      EC number: 278-012-2 See Section 8 for occupational exposure limits.	
<b>Classification</b> Not Classified	
<b>calcium dihydroxide</b>	<b>1-5%</b>
CAS number: 1305-62-0                      EC number: 215-137-3	
<b>Classification</b> Eye Dam. 1 - H318	
<b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.</b>	<b>1-5%</b>
CAS number: 85536-14-7	
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>ETHANOL</b>	<b>1-5%</b>
CAS number: 64-17-5                      EC number: 200-578-6	
<b>Classification</b> Flam. Liq. 2 - H225	
<b>Zinc alkyldithiophosphate</b>	<b>1-5%</b>
CAS number: 68649-42-3                      EC number: 272-028-3	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	

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

#### Composition comments

Some substances are not classified by legislation.They are self classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%



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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	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.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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.

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

<b>General information</b>	Not applicable.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific treatment. Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with the following media: Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> . Oxides of carbon. Oxides of nitrogen.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Stop leak if possible without risk. Avoid the spillage or runoff entering drains, sewers or watercourses. Contain and absorb spillage with sand, earth or other non-combustible material.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For waste disposal, see section 13.
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### SECTION 7: Handling and storage



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### 7.1. Precautions for safe handling

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

### 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)** Not applicable.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50)

None of the components has assigned exposure limits.

#### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

**Ingredient comments** WEL = Workplace Exposure Limits

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50) (CAS: 74869-22-0)

<b>Ingredient comments</b>	There is no approximate limit value for this product. Steam, fog or smoke should be controlled to the lowest possible level.
<b>Biological limit values</b>	No information available.
<b>DNEL</b>	No information available.
<b>DMEL</b>	No information available.
<b>PNEC</b>	No information available.

### 8.2. Exposure controls

#### 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.



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<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Nitrile rubber. Polyvinyl chloride (PVC).
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	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.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Brown.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	No information required.
<b>pH</b>	No information required.
<b>Melting point</b>	No information required.
<b>Initial boiling point and range</b>	No information required.
<b>Flash point</b>	No specific test data are available.
<b>Evaporation rate</b>	No information required.
<b>Evaporation factor</b>	No information required.
<b>Flammability (solid, gas)</b>	No information required.
<b>Upper/lower flammability or explosive limits</b>	No information required.
<b>Other flammability</b>	No information required.
<b>Vapour pressure</b>	No information required.
<b>Vapour density</b>	No information required.
<b>Relative density</b>	No specific test data are available.
<b>Bulk density</b>	No information required.
<b>Solubility(ies)</b>	No information required.
<b>Partition coefficient</b>	No information required.
<b>Auto-ignition temperature</b>	No information required.
<b>Decomposition Temperature</b>	No information required.
<b>Viscosity</b>	No specific test data are available.
<b>Explosive properties</b>	No information required.



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**Explosive under the influence of a flame** No suitable data is available.

**Oxidising properties** No data available.

**Particle characteristic** Not applicable.

### 9.2. Other information

**Other information** The information given is for the final product.

**Refractive index** Inconclusive data.

**Particle size** Inconclusive data.

**Molecular weight** Inconclusive data.

**Volatility** Inconclusive data.

**Saturation concentration** Inconclusive data.

**Critical temperature** Inconclusive data.

**Volatile organic compound** Inconclusive data.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Not applicable.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

**Materials to avoid** Not applicable.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**Other health effects** No relevant information available.

**Toxicological effects** No information available.

**Acute toxicity - oral**



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**ATE oral (mg/kg)** 1,785,714.0

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** May cause temporary eye irritation.

### 11.2 Information on other hazards

**Information on other hazards** This product does not have endocrine disrupting properties.

## SECTION 12: Ecological information

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

### 12.1. Toxicity

**Toxicity** There is not enough data.

### 12.2. Persistence and degradability

**Persistence and degradability** Based on available information, the classification criteria are not met.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not applicable.

**Partition coefficient** No information required.

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not applicable.

### 12.6 Endocrine disrupting properties

**Endocrine disrupting properties** This product does not have endocrine disrupting properties.

### 12.6. Other adverse effects

**Other adverse effects** Not applicable.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The packaging must be empty (drop-free when inverted).

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Environmental Manager must be informed of all major spillages. Avoid the spillage or runoff entering drains, sewers or watercourses.

## SECTION 14: Transport information



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**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

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 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  
Annex II of MARPOL 73/78 and  
the IBC Code Not applicable.

## 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).

#### 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

Not applicable.

## SECTION 16: Other information





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<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>E.U. : European union  CAS: Chemical Abstracts Service.  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  DNEL: Derived No Effect Level.  DMEL: Derived Minimal Effect Level.  IATA: International Air Transport Association.  KKE: Personal protective equipment  PBT: Persistent, Bioaccumulative and Toxic substance.  REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  NOAEL: No Observed Adverse Effect Level.  NOEC: No Observed Effect Concentration.  TWA: Workplace exposure limits</p>
<b>General information</b>	Only trained personnel should use this material.
<b>Key literature references and sources for data</b>	This SDS is prepared based on the information received from raw material suppliers.
<b>Training advice</b>	Untrained personnel should not use.
<b>Revision comments</b>	Revised classification.
<b>Issued by</b>	Sena Ezgi Selçuk Chemical Assessment Specialist (Certificate No: KDU01.29.06 17.12.2027)
<b>Revision date</b>	05/04/2024
<b>Revision</b>	4
<b>Supersedes date</b>	13/06/2011
<b>SDS number</b>	20257
<b>Hazard statements in full</b>	<p>H225 Highly flammable liquid and vapour.  H302 Harmful if swallowed.  H314 Causes severe skin burns and eye damage.  H315 Causes skin irritation.  H318 Causes serious eye damage.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.</p>

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.