



## SAFETY DATA SHEET ULTRA-TECH CSI 146

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

Product name ULTRA-TECH CSI 146

Product number 41111

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

Identified uses Grease.

Uses advised against Use only for intended applications.

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

Supplier PETROL OFİSİ A.Ş.  
Ünalan 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

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

#### 1.4. Emergency telephone number

Emergency telephone Madeni Yağ Customer Services: 0850 339 1919 (working hours)

National emergency telephone number Emergency Medical Services: 112 National Poison Consultance Center: 114

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements NC Not Classified

#### 2.3. Other hazards

None known.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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<b>Zinc naphthalene</b>	<b>1-5%</b>
CAS number: 84418-50-8	
<b>Classification</b>	
Not Classified	

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

**Composition comments**      The DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346.

**Ingredient notes**      See Section 8 for occupational exposure limits.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information**      Show this Safety Data Sheet to the medical personnel.

**Inhalation**      Move affected person to fresh air at once.

**Ingestion**      Do not induce vomiting.

**Skin contact**      Wash with plenty of water.

**Eye contact**      Rinse immediately with plenty of water.

**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**      Treat symptomatically.

**Inhalation**      No adverse effects 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**      Extinguish with foam, carbon dioxide or dry powder.

**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**      The product is not flammable.

**Hazardous combustion products**      Irritating gases or vapours. Toxic gases or vapours.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**      In case of fire and/or explosion do not breathe fumes.

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**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** Take care as floors and other surfaces may become slippery. Bölüm 8'de belirtilen kişisel korunma cihazlarını kullanın.

**For non-emergency personnel** Necessary precautions should be taken to ensure that non-educated personnel do not intervene.

**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

**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.

**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.

**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

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### Occupational exposure limits

None known.

**Ingredient comments** WEL = Workplace Exposure Limits

**Biological limit values** No information available.

**DNEL** None known.

**DMEL** None known.

**PNEC** None known.

### 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.

#### 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.

#### 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

<b>Appearance</b>	Solid.
<b>Colour</b>	Black.
<b>Odour</b>	Odorless or slightly petroleum oil
<b>Odour threshold</b>	Inconclusive data.
<b>pH</b>	Scientifically unjustified.
<b>Melting point</b>	Inconclusive data.
<b>Initial boiling point and range</b>	Inconclusive data.

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Flash point	Inconclusive data.
Evaporation rate	Inconclusive data.
Evaporation factor	Inconclusive data.
Flammability (solid, gas)	Inconclusive data.
Upper/lower flammability or explosive limits	Inconclusive data.
Other flammability	Inconclusive data.
Vapour pressure	Inconclusive data.
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	Inconclusive data.
Explosive properties	Inconclusive data.
Explosive under the influence of a flame	Inconclusive data.
Oxidising properties	Inconclusive data.
Comments	No other information known.

### 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.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

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**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 the following materials:  
Oxidising agents. Reducing agents.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**Other health effects** Based 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 LD<sub>50</sub>)** 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 LD<sub>50</sub>)** 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 LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

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

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

**Animal data** No other information known.

**Human skin model test** No other information known.

**Extreme pH** No other information known.

#### Serious eye damage/irritation

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

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

#### 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.

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### Germ cell mutagenicity

**Summary** No other information known.

**Genotoxicity - in vitro** No 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 - development** No other information known.

### 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 exposure** No 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** 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** No other information known.

**Eye contact** No other information known.

**Acute and chronic health hazards** No other information known.

**Route of exposure** No other information known.

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**Target organs** No other information known.

**Medical symptoms** No other information known.

**Medical considerations** No other information known.

### Toxicological information on ingredients.

#### Zinc naphthalene

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 4920 mg/kg, Oral, Rat

### **SECTION 12: Ecological information**

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

#### 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 plants** Based 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.



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### 12.3. Bioaccumulative potential

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

**Partition coefficient** Inconclusive data.

### 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. 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 methods** Dispose 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

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.

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### 14.6. Special precautions for user

Not applicable.

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

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

<b>National regulations</b>	T. C. Regulation on the Classification, Labeling and Packaging of Substances and Mixtures No. 28848, dated 11 December 2013, by the Ministry of Environment and Urbanization.
<b>EU legislation</b>	Commission Regulation (EU) No 453/2010 of 20 May 2010.
<b>Guidance</b>	Safety Data Sheets for Substances and Preparations. Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

### 15.2. Chemical safety assessment

## SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>E.U. : European union  DMSO: Dimethyl sulfoxide  KKE: Personal protective equipment  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.  LD<sub>50</sub>: 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.</p>
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<b>Key literature references and sources for data</b>	This SDS is prepared based on the information received from raw material suppliers.
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Not classified for physical hazards., Not classified for health hazards., Not classified for environmental hazards.: Calculation method., Supplier information
<b>Training advice</b>	Untrained personnel should not use.
<b>Revision comments</b>	This is the first issue.
<b>Issued by</b>	Sevda ŞAHAN Certified Safety Data Sheet Preparer (Certificate Id:GBF01.23.08;Dates: 03.11.2018-03.11.2021)
<b>Revision</b>	0
<b>Supersedes date</b>	01/09/2019
<b>SDS number</b>	20664

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