



Part I
SAFETY DATA SHEET
ULTRA-TECH CSI 146

Dated December 13, 2014 and numbered 29204, "Ministry of Environment and Urbanization Regarding Hazardous Substances and Mixtures
It has been arranged in accordance with the provisions of the "Regulation on Safety Data Sheets".

SECTION 1: Identity of the substance / mixture and company / distributor

1.1. Substance / Mixture identity

Name of the product ULTRA-TECH CSI 146
Item number 41111

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

Grease.

Uses not recommended Use only for the intended purpose.

1.3. Information of the safety data sheet supplier

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
miningiyag@petrolofisi.com.tr
Contact person Customer Service: mineiyag@petrolofisi.com.tr

1.4. Emergency phone number

Emergency phone number Mineral Oil Customer Service: 0850 339 1919 (office hours)
National emergency phone Emergency Health Services: 112 National Poison Information Center (UZEM): 114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification TC 28848

Physical damages Not classified as harmful
Health hazards Not classified as harmful
Environmental damages Not classified as harmful

2.2. Label elements

Hazard Statements NC Not classified as Harmful

2.3. Other damages

Unknown.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

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Zinc naphthalene	1-5%
CAS number: 84418-50-8	
Classification Not classified as harmful	

The full text of the hazard statements is given in Section 16.

Reviews on the composition DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346.

Content 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 healthcare professionals.

Breathing Move affected person to fresh air immediately.

Swallowing Do not try to induce vomiting. National Poison Information Center (UZEM): 114

Skin contact Wash with plenty of soap and water.

Eye contact Wash immediately with plenty of water.

First aid workers preservation First aid personnel should wear appropriate protective equipment during rescue.

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

information Treat symptomatically.

Breathing There are no known side effects.

Swallowing There are no specific symptoms known.

Skin contact There are no specific symptoms known.

Eye contact There are no specific symptoms known.

4.3. Indication of any medical attention and special treatment needed Information to be

given to the doctor Treat symptomatically.

Special treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Fire extinguishers

Suitable extinguishing agents Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguisher substances Do not use water jet to extinguish the fire, in case the fire spreads.

5.2. Special hazards arising from the substance or mixture

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Special damages The product is not flammable.

Harmful combustion products Irritating gases or vapors. Toxic gases and vapors.

5.3. Advice for firefighters

During fire fighting preservative to be taken measures In case of explosion and / or burning do not breathe the fumes emitted.

For firefighters special protective equipment Positive pressure self-contained breathing apparatus and suitable protective clothing
get dressed.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Be aware that floors and other surfaces can be slippery in case of spillage. Use personal protection devices specified in Section 8.

Emergency personnel for those who are not Necessary precautions should be taken so that personnel who do not have proper training do not interfere.

For emergency responders NOTICE: Report spillage to local authorities, as appropriate or necessary. Stop the source of the leak if it can be done without risk. Limit the spill to prevent further contamination of the soil, surface or underground water. Clean up the spilled material as soon as possible, following the precautions in the Exposure Controls / Personal Protection section. Use non-flammable absorbent materials or appropriate techniques such as pumping. Whenever possible or see fit, dig out the contaminated soil from the area. Place contaminated items in disposable containers and dispose of in accordance with regulations. In the event of a spill of heated substance, allow it to cool before handling by disposal methods. Proper ventilation should be provided.

6.2. Environmental measures

Environmental measures Avoid spilling into drains, watercourses or soil.

6.3. Methods and materials for containment and cleaning

Spill removal methods If possible, stop the leak provided there is no danger. Vermiculite, dry sand or soak in soil and place in containers. Wash the contaminated area with plenty of water. Avoid 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 Chapter 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.

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Advice on general occupational hygiene Do not eat, drink or smoke anything while using this product. Take off immediately all contaminated clothing and wash before reuse. Wash hands after use and before eating, smoking and going to the bathroom. Wash hands and any contaminated areas of the body with soap and water before leaving the work area.

7.2. Conditions for safe storage, including any incompatibilities Storage

measures Store in tightly closed original packaging 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. It should be used as specified in the product data sheet.

Directions for use

SECTION 8: Exposure Controls / personal protection

8.1. Control parameters

Occupational exposure limits

Unknown.

Content notes WEL = Workplace Exposure Limits No information

Biological limit values available.

DNEL Unknown.

DMEL Unknown.

PNEC Unknown.

8.2. Exposure controls Protective

equipment



Proper engineering controls Provide adequate ventilation. Avoid breathing vapors. Observe the occupational exposure limit for the product and its ingredients.

Eye / Face protection If the risk assessment indicates the possibility of eye contact, eye protection compliant with an approved standard should be used. The following protective equipment should be used: Goggles or face shield against splashes of chemicals.

Hand protection If the risk assessment indicates that skin contact is possible, chemical resistant waterproof gloves complying with an approved standard should be used.

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

measures Provide eyewash place. Do not smoke in the work area. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Take off contaminated clothing immediately. Use a suitable skin cream to prevent the skin from drying out. When using do not eat, drink or smoke.

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Respiratory system preservation	There are no special storage measures recommended. Respiratory protection may be required if excessive air contamination occurs.
Thermal damages	If there is danger of contact with hot product, all protective equipment suitable for use with high temperatures should be used.
Environmental exposure controls	Compliance of ventilation emissions and work process equipment with environmental protection legislation requirements should be checked. Store in a confined area with a bund to prevent leakage into drains and / or water sources.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties Appearance

	Solid.
Color	Black.
Smell	Odorless or very light like petroleum oil
Odor threshold	Insufficient data.
pH	Scientifically unjustified.
Melting point / freezing point	Insufficient data.
Initial boiling point and boiling range	Insufficient data.
Flash point	Insufficient data.
Evaporation rate	Insufficient data.
Evaporation factor	Insufficient data.
Flammability (solid, gas)	Insufficient data.
Upper / Lower flammability or explosive limits	Insufficient data.
Other flammability	Insufficient data.
Vapor pressure	Insufficient data.
Vapor density	Insufficient data.
Relative density	Insufficient data.
Volumetric density	Insufficient data.
Resolution (s)	It is insoluble in water.
Partition coefficient	Insufficient data.
Self ignition temperature	Insufficient data.
Decomposition temperature	Insufficient data.
Viscosity	Insufficient data.

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Explosive properties	Insufficient data.
Explosive under the influence of flame	Insufficient data.
Oxidizing properties	Insufficient data.
Descriptions	No other information is available.
9.2. Other informations	
Other informations	Required information is not available.
Refractive index	Required information is not available.
Particle size	Required information is not available.
Molecular weight	Required information is not available.
Volatility	Required information is not available.
Saturation concentration	Required information is not available.
Critical temperature	Required information is not available.
Volatile organic compound	Required information is not available.

SECTION 10: Stability and reactivity

10.1. Reaction

Reaction The 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 Unknown.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for a long time. Avoid contact with the following materials: Oxidizing agents.
Reducing substances.

10.5. Incompatible materials **Materials to avoid** Strong reducing agents. Strong oxidizing agents. Strong alkalis. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Unknown.

SECTION 11: Toxicological information

11.1. Information on toxicological effects **Toxic**

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

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

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Acute toxicity - oral Summary

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

Notes (oral LD₅₀)

available data, the classification criteria are not met.

Acute toxicity - dermal Summary

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

Notes (dermal LD₅₀)

available data, the classification criteria are not met.

Acute toxicity - inhalation

Summary

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

Notes (inhalation LC₅₀)

available data, the classification criteria are not met.

Skin corrosion / irritation

Summary

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

Skin corrosion / irritation

available data, the classification criteria are not met. No other information is

Animal data

available.

Human skin model test Extreme

No other information is available.

pH

No other information is available.

Serious eye damage / irritation

Summary

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

Serious eye damage / irritation

available data, the classification criteria are not met.

Respiratory sensitization

Summary

No other information is available.

**Respiratory tract
sensitization**

No other information is available.

Skin sensitization

Summary

No other information is available.

Skin sensitization

No other information is available.

Germ cell mutagenicity

Summary

No other information is available.

Genotoxicity - in vitro

No other information is available.

Genotoxicity - in vivo

No other information is available.

Carcinogenicity

Summary

No other information is available.

Carcinogenicity

No other information is available.

**Target for carcinogenicity
organs**

No other information is available.

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IARC carcinogenicity	No other information is available.
NTP carcinogenicity	No other information is available.
<u>Reproductive toxicity</u>	
Summary	No other information is available.
Reproductive system toxicity fertility	No other information is available.
Reproductive system toxicity developmental	No other information is available.
<u>Specific target organ toxicity - single exposure Summary</u>	
	No other information is available.
BHOT- single exposure	No other information is available.
Target organs	No other information is available.
<u>Specific target organ toxicity - repeated exposure Summary</u>	
	No other information is available.
BHOT- repeated exposure	No other information is available.
Target organs	No other information is available.
<u>Aspiration hazard</u>	
Summary	No other information is available.
Aspiration hazard	No other information is available.
Toxicokinetics	No other information is available.
General information	No other information is available.
Breathing	Gas or vapor in high concentrations may irritate the respiratory system. The following symptoms may occur after overexposure: Cough.
Swallowing	May cause discomfort if swallowed. No other information
Contact with skin	is available.
Eye contact	No other information is available.
Acute and chronic health hazards	No other information is available.
Contact ways	No other information is available.
Target organs	No other information is available.
Medical symptoms	No other information is available.
Medical opinions	No other information is available.
<u>Toxicological information on ingredients</u>	

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Zinc naphthalene

Acute toxicity - oral

Notes (oral LD₅₀)

LD₅₀ 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. Based on

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

Acute toxicity - aquatic invertebrates the classification criteria are not met.

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

Acute toxicity microorganisms available data, the classification criteria are not met.

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

Chronic aquatic toxicity

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

Chronic toxicity- in fish early life stage available data, the classification criteria are not met.

Short term toxicity - embryo and early larval 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. Based on

Toxicity to terrestrial plants 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. Based on

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

Stability (hydrolysis) the classification criteria are not met. Based on available data, the

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

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

Chemical oxygen demand met.

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12.3. Bioaccumulative potential

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

Partition coefficient

12.4. Mobility in soil

Mobility The product does not mix with water and spreads 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. Based on

Surface tension available data, the classification criteria are not met.

12.5. Results of PBT and vPvB assessment

PBT and vPvB results of the assessment No other information is available.

12.6. Other adverse effects Other

adverse effects No other information is available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods General

information Waste generation should be minimized or avoided wherever possible.

Waste treatment methods Dispose of waste in a licensed waste disposal facility in accordance with the requirements of the local Waste Disposal Authorities. Wastes, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated appropriate containers and labeled according to their contents.

Waste class Waste code classification should be carried out according to the European Waste Catalog (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)

There is no required transport warning sign.

Shipping labels

There is no required transport warning sign.

14.4. Packing group

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Not applicable.

14.5. Environmental damages

Environmentally harmful / marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

MARPOL 73/78 Annex II and IBC Not applicable.

pouring by code

transportation

SECTION 15: Regulatory information

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

National regulations Republic of Turkey Ministry of Environment and Urbanization, Regulation on Classification, Labeling and Packaging of Substances and Mixtures, dated 11 December 2013 and numbered 28848.

EU legislation Commission Regulation (EU) No 453/2010 of 20 May 2010.

Guide Safety Data Sheet for substances and preparations. Source: European Chemicals Agency, <http://echa.europa.eu/>

SECTION 16: Other information

**In the safety data sheet
used abbreviations and
acronyms**

EU: European Union DMSO:

Dimethyl sulfoxide

PPE: Personal protective equipment STEL:

Short term exposure limit

TC: Republic of Turkey

TWA: Workplace exposure limits UZEM: National

Poison Information Center

ADR: European Agreement on the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstracts Service.

DNEL: Derived no-effect level. GHS: Global Harmonized System.

IATA: International Air Transport Association. IMDG:

International Maritime Dangerous Goods.

LD50: Dose of substance (Median Lethal Dose) that caused 50% (half) death in the test animal group.

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: EU Regulation (EC) No 1907/2006 on Registration, Evaluation, Authorization and Restriction of Chemicals.

vPvB: Very Persistent, Very Bioaccumulative.

IARC: International Agency for Research on Cancer.

MARPOL 73/78: International Convention for the Prevention of Pollution from Ships, 1973, as amended by the 1978 Protocol.

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General information	Only trained personnel should use this material. This document contains important information for the safe storage, transport and use of this product. The information in this document should be brought to the attention of the person responsible for security issues in your organization. Material Safety Data Sheet Distribution: The information in this document should be made available to all persons who can handle this product. Uses and Restrictions: This product should not be used outside of the applications recommended in Section 1 without the prior recommendation of the supplier. This product is not used as a solvent or cleaning agent to set fire or to make it brighter and to clean the skin. Disclaimer: This information is based on our current knowledge and the product is described for the purpose of health, safety and environmental requirements only.
Main literature references and sources of information	This SDS is arranged within the information received from our raw material suppliers.
Dated December 11, 2013 and 28848 according to regulation classification conditions	It is not classified as a physical hazard. It is not classified as a health hazard. Not classified as environmentally hazardous: Calculation method., Supplier information
Education advice	Untrained personnel should not be used.
Revision comments by	This is the first arrangement. Sevda ŞAHAN Certified Safety Data Sheet Maker (Certificate No: GBF01.23.08; Date: 03.11.2018-03.11.2021)
How many regulations	0
Preparation date	01.09.2019
SDS No	20664

This information relates only to a specific specific substance and should not be used in a composition or any process where the same substance is used in combination with other substances. This information is accurate and reliable as of the date specified, within the firm's high level of knowledge and opinion. However, no warranty or representation of any kind is made for its accuracy, reliability and completeness. It is the user's own responsibility to be satisfied that this information is suitable for his own use.