

# SAFETY DATA SHEET

## ADAGA SOIL-SC

According to Regulation (EC) No 1907/2006 (REACH), (EC) No 1272/2008 (CLP)

Revision Date: -  
Issue Date: 26.09.2024

Revision:  
Form No:

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product name** ADAGA SOIL-SC  
**Product identifier** Fertilizer

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

**Identified uses** Fertilizer

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

**Company** ADAGA SAĞLIK KİMYA SANAYİ A.Ş.  
Altıayak Mh. 8525 Sk. No:22/F Kepez/Antalya  
Tel: 0(242) 340 00 33 [www.adaga.com.tr](http://www.adaga.com.tr)

**Contact Person** Chemical Engineer Nazlı Kılıç (nazli@nameconsulting.com.tr)

#### 1.4. Emergency telephone number

Contact the national poison counseling center.

### SECTION 2: HAZARDS IDENTIFICATION

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

##### 2.1.1 Hazard Classification (EC) No 1272/2008

This product is not classified as hazardous according to regulation (EC) 1272/2008[CLP/GHS].

Physical and chemical hazards Not classified.

Human health Not classified

Environment Not classified.

#### 2.2. Label elements

##### 2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP/GHS]

**Signal Word:** -

**Contains:** -

**Hazard Statements:-**

##### **Precautionary Statements:**

**P101** If medical advice is needed, keep the container or label.

**P102** Keep out of reach of children.

**P103** Read the label before use.

**P501** Dispose of contents/container according to local regulations.

#### 2.1. Other hazards

This product does not contain any PBT or vPvB substances.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Name	EC No.	CAS No.	Concentration %	Classification according to Regulation (EC) No 1278/2008 (CLP)
Aqua	231-791-2	7732-18-5	≤ 50	Not classified
Ammonium Laureth Sulphate	-	2235-54-3	≤ 50	Not classified

The Full Text for all Hazard Statements are Displayed in Section 16.  
The highest concentration values were used for calculations.

#### Composition Comments

- The data shown are in accordance with the latest EC Directives.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

- Inhalation** : Not relevant. Unlikely route of exposure as the product does not contain volatile substances.
- Ingestion** : Ingestion Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
- Skin contact** : Skin contact not relevant.
- Eye contact** : In case of eye contacted, wash out with water.

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

- Inhalation** : Dizziness
- Ingestion** : Nausea, vomiting.
- 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: No specific recommendations.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### Extinguishing media

This product is not flammable. Extinguish with foam, carbon dioxide, dry powder or water fog.

#### 5.2. Special hazards arising from the substance or mixture

##### Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).  
May cause explosion hazard of dust.

#### 5.3. Advice for firefighters

##### Special Fire Fighting Procedures

Avoid breathing fire fumes. If this can be done without risk, move the container away from the fire area. If possible, intervene the

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fire from a protected place.

### **Protective equipment for fire-fighters**

Self-contained breathing apparatus and full protective clothing should be worn in case of fire. Face mask, protective gloves and safety helmet should be used.

## 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. Avoid contact with skin and eyes.

### **6.2. Environmental precautions**

**Environmental precautions:** Not considered to be a significant hazard due to the small quantities used.

### **6.3. Methods and material for containment and cleaning up**

Wash off spills with plenty of water. Avoid contamination of ponds or streams with wash water. Absorb spillage with non-combustible absorbent material. Do not discharge into drains, waterways or on the ground.

### **6.4. Reference to other sections**

For personal protection, see section 8.  
See section 11 for additional information on health hazards.  
For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Do not eat, drink or smoke when using the product. Protect against direct sunlight.  
Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

### **7.2. Conditions for safe storage, including any incompatibilities**

Stable at normal ambient temperatures.  
Protect from light, including direct sunrays.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

Exposure guidelines do not apply when the product is used as intended in a home environment.

#### **DNEL Values**

#### **Ammonium Laureth Sulphate**

(DNEL) 11,167 mg/m<sup>3</sup> Systemic Effects Workers with Long-Term Inhalation Exposure  
(DNEL) 4,57 mg/m<sup>3</sup> Systemic Effects General Population with Long-Term Inhalation Exposure  
(DNEL) 1,667 mg/m<sup>3</sup> Local Effects General Population with Long-Term Inhalation Exposure  
(DNEL) 6,4 mg/k Systemic Effects General Population with Long-Term Oral Exposure  
(DNEL) 12,8 mg/ kg Systemic Effects General Population with Long-Term Dermal Exposure

### **8.2. Exposure controls**



Protective equipment  
Engineering control  
Respiratory equipment

: Not relevant.  
: No personal protective respiratory equipment is normally required. Respiratory protection in case of vapor/aerosol release. Particulate filter EN 143 or 149, Type P2 or FFP2, medium filtering capacity (solid and liquid particles of less toxic substances).

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Hand protection	: Protective in case of prolonged or repeated contact wear gloves. Protective gloves conforming to EN 374.
Eye protection	: Close-fitting safety glasses (closed goggles) (Class EN 166) and face mask.
Other skin and body protection	: Wear protective clothing such as rubber or neoprene gloves and a long sleeved T- shirt
Hygiene measures	: Eating, drinking, smoking and inhaling any substance in the workplace it is forbidden. Use in accordance with good industrial hygiene and safety practices. Personal protection equipment must be free of hazardous and harmful substances before reuse.
Environmental Exposure Controls	: Not relevant.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Colour</b>	Translucent
<b>Odour</b>	Specific
<b>Solubility</b>	Soluble
<b>Boiling Point</b>	No data available
<b>Melting point</b>	No data available
<b>pH-Value</b>	No data available
<b>Flash Point</b>	No data available
<b>Viscosity</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Density</b>	No data available
<b>Partition Coefficient (N-Octanol/Water)</b>	No data available

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

#### 9.2. Other information

No information required.

#### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

No specific reactivity hazards associated with this product.

#### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

#### 10.3. Possibility of hazardous reactions

##### **Hazardous Polymerisation**

Stable under suitable storage conditions.

#### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

#### 10.5. Incompatible materials

There are no known data based on the information given.

**10.6. Hazardous decomposition products**

Does not decompose when used and stored as recommended.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

***Acute Toxicity***

Ammonium Laureth Sulphate  
Oral  
LD50 4250 mg/kg bw  
Dermal  
LD50 2000 mg/kg bw  
Inhalation  
LD50 2000 mg/m<sup>3</sup>

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**Ammonium Laureth Sulphate**

Acute Values  
LC50, Fish 53 mg/L (Oncorhynchus mykiss)  
LC50, Fish 57.2 mg/L (Prosopium williamsoni)  
EC50, Fish 168.8 mg/L (Daphnia magna)  
EC50, Fish 121.7 mg/L (Ceriodaphnia acanthine)  
Chronic Values  
EC10, Fish 5.29 mg/L (Lepomis macrochirus)  
EC10, Fish 3.12 mg/L (Hyalomma azteca)  
Aquatic Invertebrates  
Acute  
EC50 Fish 121.7 mg/L (Ceriodaphnia acanthine) 48 hours  
EC50 Fish 169 mg/L (Daphnia magna) 48 hours  
Chronic  
EC10 Fish 312 mg/L (Hyalomma azteca) 10 week  
Algae  
EC50 Fish 2700 mg/L (Chlorella vulgaris ) 18 days  
EC50 Fish 1605 mg/L (Chlorella vulgaris ) 5 days  
Sediment  
EC10 Fish 3.12 mg/L (Hyalomma azteca)

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

Mobility:  
Insoluble in water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

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**Other adverse effects:** None known.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies. Environmental manager must be informed of all major spillages.

### **SECTION 14: TRANSPORT INFORMATION**

General                                      The product is not covered by international regulation 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)**

ADR Class: -  
IMDG Class: -  
ICAO/IATA: -

#### **14.4 Packing group**

Not applicable.

#### **14.5. Environmental hazards**

ADR/RID/ADN Packing group: Non-hazardous for road transport.

IMDG Packing group: Non-hazardous for sea transport.

ICAO-IATA Packing group: Non-hazardous for air transport.

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

#### **14.8. Environmental damages**

Environmentally Dangerous Substance/Marine Polluting Substance

It is a substance that is harmful to the environment

#### **14.9. Special precautions for the user**

Packing instruction: -

Hazard number: -

Tunnel Restriction Code: -

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### SECTION 15: REGULATORY INFORMATION

This format refers to MSDS requirements American National Standard Institute(ANSI) and International Standard Organization (ISO)

### SECTION 16: OTHER INFORMATION

#### Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.(ADR 2015)

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-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

This product is classified according to EU Directive GHS/CLP.

This safety datasheet complies with the requirements of Regulation (EC) No.1907/2006 (REACH).

**Revision Comments: -**

**Hazard Statements All:-**

#### Prepared the Safety Data Sheet

Chemical Engineer Nazlı Kılıç / nazli@nameconsulting.com.tr

Certificate Number: KDU01.32.02 Certificate Date: 20 May 2023

Disclaimer

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