

SMART GÜNEŞ ENERJİSİ TEKNOLOJİLERİ ARAŞTIRMA GELİŞTİRME ÜRETİM SAN. ve TİC A.Ş.

INFORMATION TO BE PROVIDED TO THE PUBLIC PURSUANT TO ARTICLE 16 OF THE
REGULATION ON THE PREVENTION AND MITIGATION OF MAJOR INDUSTRIAL ACCIDENTS

1. Name of the Facility and Full Address of the Establishment

Facility Name	SMART GÜNEŞ ENERJİSİ TEKNOLOJİLERİ ARAŞTIRMA GELİŞTİRME ÜRETİM SAN. ve TİC A.Ş.
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2. Notification System of the Ministry of Environment, Urbanization and Climate Change

Our organization is subject to the provisions of the Regulation on the Prevention of Major Industrial Accidents and Reducing Their Effects, and has declared the hazardous substances subject to Annex 1, Section 1 and Section 2 of the regulation using the "Ministry of Environment, Urbanization and Climate Change Notification System (BEKRA Notification)". Our organization is a lower-level organization according to the BEKRA Notification, and a "BKÖP Certificate" has been prepared in accordance with Article 11.

3. Activities Carried Out at the Establishment

Smart Solar Technologies operates in two main business lines: photovoltaic (PV) module production and turnkey installation services for rooftop and land projects for solar electricity generation. The company invests in Solar Power Plants (SPPs) to reduce carbon emissions and continues to invest in increasing its vertical integration. In addition, it contributes to the low-carbon energy transition by developing solar energy-integrated energy transformation solutions for its stakeholders in areas such as green hydrogen, storage systems, and electric vehicle charging stations.

4. Information on Substances Listed in Annex-1, Parts 1 and 2 That Could Cause a Major Accident and Their Basic Hazardous Properties

INFORMATION ABOUT HAZARDOUS SUBSTANCES PRESENT IN THE ESTABLISHMENT				
No	Hazard heading within the scope of the regulation	Classification		
		Hazard class code and category code according to the SEA Regulation	Hazard statement code	Hazard category of the unnamed substance within the scope of the regulation / sequence number of the substance if named
1	Environment (E)	Corrosive to metals, Category 1 Skin Corrosion, Subcategory 1B Serious eye damage, Category 1 Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 2	H314, H400, H410	E1

2	Physically (P) Other Damages (O)	Flammable liquids, Category 2, Pyrophoric liquids, Category 1, Substances or mixtures which, in contact with water, emit flammable gases, Category 1, Skin corrosion, Subcategory 1B, Serious eye damage, Category 1, Reproductive toxicity, Category 2, STOT- Single exposure, Category 3, Central nervous system STOT- Repeated exposure, Category 2, Aspiration toxicity, Category 1, Long-term (chronic) aquatic hazard, Category 3	H250, H260, H314, EUH014	P7, O2, O1
3	Physically (P)	Oxidizing gases, Category 1 Gases under pressure, Compressed gas	H270, H280	P4
4	Physically (P)	Oxidizing gases, Category 1 Gases under pressure, Liquefied gas Specific target organ toxicity – Single exposure, Category 3, Central nervous system	H270	P4

5	Health (H)	Acute toxicity, Category 2 Acute toxicity, Category 2 Acute toxicity, Category 1 Skin Corrosion, Subcategory 1A Serious eye damage, Category 1	H330, H310, H300, H314	H2
6	Environment (E)	Acute Tox. 4 Skin Corrosive. 1B Eye Damage. 1 Skin Sensitizer. 1 Aquatic Acute 1	H302, H314, H317, H400	E1
7	Physically (P)	Flammable gases, Category 1 Pyrophoric gas, Category 1A Gas under pressure, liquefied gas	H220, H280	P2

8	Health (H)	Flammable liquids, Category 1 Corrosive to metals, Category 1 Acute toxicity, Category 4 Acute toxicity, Category 3 Specific target organ toxicity – Single exposure, Category 3, Central nervous system Long-term (chronic) aquatic hazard, Category 3	H331, H314, H280	H2
9	Physically (P)	Serious eye damage, Category 1, Long-term (chronic) aquatic hazard, Category 3	H271, H332, H302, H314	P8
10	Health (H) Other Damages (O)	Acute toxicity, Category 4 Acute toxicity, Category 2 Skin Corrosion, Subcategory 1A Serious eye damage, Category 1 Specific target organ toxicity – Repeated exposure, Category 1	H330, H372, H302, H314, EUH029, EUH014	O3, O1, H1

11	Environment (E) Physically (P) Health (H)	Flammable gases, Category 2 Gas under pressure, Liquefied gas Acute toxicity, Category 3 Skin corrosion, Category 1 Serious eye damage, Category 1 Specific target organ toxicity- single exposure, Category 3, Respiratory system Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1	H221, H331, H314, H400, H280, H411	E2, P2, E1, H2
12	Physically (P)	Aerosol, Category 1 Skin Corrosion/Irritation, Category 2 Carcinogenicity, Category 1B Reproductive Toxicity, Category 2 Specific Target Organ Toxicity, Single Exposure, Category 3, Anaesthesia Specific Target Organ Toxicity, Repeated Exposure, Category 2 Hazardous to the Aquatic Environment- Chronic Hazard, Category 2	H222, H315, H331, H350, H361, H373, H411	P5c
13	Physically (P)	Flammable liquids, Category 2 Eye irritation, Category 2 Specific target organ toxicity – Single exposure, Category 3, Central nervous system	H225, H319, H336	P5c

14	Physically (P)	Flammable liquid Category 2 Acute toxicity Categories 4, 5, 5 Skin irritation Category 3 Serious eye damage/irritation Category 2B Specific target organ toxicity Category 3 (Narcotic Effect) Respiratory hazards Category 2	H225, H302, H305, H313, H333, H316, H320, H336	P5c
15	Physically (P)	Flammable liquids, Category 3 Acute toxicity, Category 4 Acute toxicity, Category 4 Skin irritation, Category 2 Eye irritation, Category 2 Specific target organ toxicity- Single exposure, Category 3, Respiratory system Specific target organ toxicity - Repeated exposure, Category 2 Aspiration toxicity, Category 1 Long-term (chronic) aquatic hazard, Category 3	H226, H332, H312, H315, H304, H312, H332, H319, H335, H336	P5c

16	Environment (E) Physically (P)	Aerosol, Category 1 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2 Reproductive Toxicity, Category 2 Specific Target Organ Toxicity, Single Exposure, Category 3, Anesthesia Specific Target Organ Toxicity, Repeated Exposure, Category 2 Aquatic Environmental Hazard - Chronic Hazard, Category 2	H411, H222, H319	E2, P3a
17	Physically (P)	Aspiration hazard, Category 1; Aerosol, Category 1	H222, H229, H336	P3a
18	Environment (E)	Not classified as hazardous.	H317, H411, H319	E2
19	Environment (E)	Skin sensitizer Category 1 Chronic hazards to the aquatic environment Category 2	H317, H411, H319	E2

5. Information on Actions to Be Taken in the Event of a Major Accident

An “Emergency Plan” has been prepared and is available in the organization in order to determine and document the methods to be used in controlling emergencies that may arise in the areas where the organization operates (including buildings, units and working conditions) and in carrying out recovery and rescue efforts.

The Emergency Plan defines the necessary actions to be taken in the event of an emergency and/or in the event of an external request for emergency assistance, including the response to and post-emergency situations. This plan aims to identify specific interventions for each potential emergency and provide a systematic approach to emergencies. In the event of an emergency, the necessary system has been established to ensure collaboration and exchange of information with local emergency services, provincial disaster and emergency departments, and people in the immediate vicinity who may be affected by a major accident.

All personnel have received adequate training in emergency situations. Emergency drills are conducted at least once a year to prepare for emergencies. Trained teams have been established to respond to emergencies.