

SAFETY DATA SHEET (MSDS)



Product:	İzoşilte
Product Code:	-

İZOŞİLTE

1 Identification of the Substance/Mixture and of the Company/Distributor

Product Name:	İzoşilte
Product Type:	Expanded perlite aggregate, manufactured for providing portable thermal insulation in the attic, is packed in polypropylene bags in dry form.
Supplier / Manufacturer:	Hasgin Construction Industry and Trade Limited Company
Address:	Kurtuluş District, Hüseyin Tümer Street, Zümrüt Avenue, No:1 / 1
Contact:	0850 840 68 36
Emergency Phone:	0536 240 22 04 / 0532 241 85 39

2 Hazards Identification

Hazardous Components:	None
Classification of the Substance (according to GHS):	None
Label Elements (warning symbol, hazard statements, etc.):	None
Health Hazards:	Inhalation of dust generated during normal use may be harmful to human health.
Safety Precautions:	Use protective clothing where exposure risk exists. Avoid contact with humans, food and food equipment. Prevent contact with incompatible materials. Ensure good ventilation in the workplace.
Environmental Hazards:	Since it is composed of recyclable chemicals, it poses no harm to nature.

6 Accidental Release Measures

Personal Precautions	Personal protective equipment must be used. In case of spillage, clean up dry if possible.
Protective Equipment	-
Environmental Precautions	Prevent entry into sewage/surface water/groundwater. In case of contamination, inform the competent authorities immediately.

Cleaning Small Spills	Clean up dry if possible. Keep dust to a minimum, use vacuum equipment to avoid spreading.
Cleaning Large Spills	Clean up dry if possible. Keep dust to a minimum, use vacuum equipment to avoid spreading.

7 Handling and Storage

Handling	Isilsiva is ready to use. Avoid all personal contact, including inhalation. Do not eat, drink, or smoke while using. Always wash hands with soap after use. Work clothes must be washed separately before reuse. Apply good working practices. Avoid contact with eyes and skin. Follow industrial hygiene standards to prevent ingestion, eye, and skin contact. Wash hands thoroughly with soap and water after work.
Applications	Interior and exterior building facades
Safe Storage Conditions (including incompatibilities)	Prevent accumulation in voids or pits. Do not enter confined spaces without proper ventilation. Keep containers sealed and secure when not in use. Prevent container damage. Follow manufacturer’s storage and usage recommendations. Regularly monitor workplace air quality for compliance with exposure standards.
Special Packaging Requirements	Since kraft bags are heavy, improper handling may cause strain or injury to back, arms, legs, or spine; handle with care. Avoid direct contact with material, prevent eye and skin contact. Bagged material should be stored in dry areas; bulk product should be kept in watertight silos. Ingestion is hazardous. Do not enter silos without proper precautions. Cement in the product may harden over time; use before expiry. Keep packages sealed. Ensure packages are labeled and not leaking. Storage areas must be regularly cleaned, with proper ventilation, temperature, and humidity controls. Always keep unused materials in original packaging. Consult manufacturer for storage durations.
Properties	-

8 Exposure Controls / Personal Protection

Occupational Exposure Limits	Follow protective regulations against exposure.
Engineering Controls	Follow protective regulations against exposure. Prevent contamination of water and soil.
Personal Protective Equipment	Work clothing, boots, mask, gloves, and safety glasses
Respiratory Protection	Provide local exhaust or general ventilation to maintain dust levels below OSHA PEL, MSHA PEL, and ACGIH TLV. Avoid airborne dust. Prefer local exhaust systems that control dust at the source. If ventilation is insufficient, use respirators meeting MSHA/NIOSH standards.
Hand Protection	Use standard work gloves.
Eye/Face Protection	Wear safety glasses with side shields. In high-dust environments, ensure protective goggles fit tightly to prevent irritation or injury.
Skin Protection	If hands or feet are immersed in material, wear waterproof and alkali-resistant gloves, boots, long sleeves, long pants, and other protective garments to avoid skin contact. Wash work clothes after each use. If skin contact occurs, wash with pH-neutral soap and water.
Hygiene Measures	Wash hands before eating, drinking, or smoking. Wash contaminated clothing before reuse.

9 Physical and Chemical Properties

Physical State	Solid - powder
Color	Gray
Odor	None

Odor	Odorless
pH	8–8.5
Melting/Freezing Point	Non-flammable
Boiling Point	Non-flammable
Flash Point	Non-flammable
Vapor Pressure	Not applicable
Density	300 kg/m ³ at 22°C
Solubility in Water	-
Viscosity	-
Thermal Decomposition	Does not decompose

10 Stability and Reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Protect from high temperatures, pressure, light, shock, or other conditions that may cause hazardous reactions.
Materials to Avoid	(Water, air, acids, bases, oxidizers, or any other special materials that may cause dangerous reactions): No known hazardous reaction.
Incompatible Materials	None
Hazardous Decomposition Products	No data available regarding unstable products, need for stabilizers, or possibility of hazardous exothermic reactions. No hazardous decomposition products known.
Hazardous Reactions or Compounds	Water, air, acids, bases, oxidizers, or other materials that may cause hazardous reactions.

11 Toxicological Information

Acute toxicity (LD50 etc.)	Lime, calcium silicates, and alkalis contained in cement and cement-based compounds are partially soluble. When mixed with water, they may form alkaline solutions posing potential hazards. Hexavalent chromium salts are soluble in water and may create hazardous solutions when mixed with water.
Skin irritation / corrosion	Seek medical attention immediately.
Eye irritation / damage	Seek medical attention immediately.
Respiratory tract irritation	Seek medical attention immediately.
Allergic effects	-
Carcinogenicity	Cancer risk depends on the duration and degree of exposure. According to research by the International Agency for Research on Cancer (IARC), cement and cement-based chemicals are not classified among carcinogenic products.
Reproductive	-

toxicity

12 Ecological Information

Aquatic toxicity	Used by mixing with water.
Persistence and degradability	Does not harm aquatic organisms.
Bioaccumulation potential	Not easily biodegradable.
Mobility in soil	Should not be released into nature.
Other adverse effects	Prevent contamination of water and soil. Transfer to treatment plants after dilution. Under proper use and handling, no environmental problems are expected.
Ecotoxicity	Should not be released into nature.

13 Waste Disposal Procedure

Waste control	Not required.
Disposal of waste	Waste and used packaging should be disposed of in accordance with official regulations.
Recommended disposal method	Waste and used packaging should be disposed of in accordance with official regulations.
Disposal of contaminated packaging	Holders of packaging should be warned against potential hazards and damages caused by product residues. Disposal should be carried out in compliance with official regulations.
Transportation and storage	Store the material in its original sealed packaging, away from moisture. If stored in bulk, transport with closed silobuses. Storage should be dry, cool, and well-ventilated. In laboratory use, keep in fume cupboards. Keep away from food, beverages, and animal feed. Follow general rules for chemical storage.

14 Transport Information

UN number	-
ADR / RID class	331 c) / Not a hazardous product.
ADR / RID symbol	-
Proper shipping name	-
Transport class	Not a hazardous product.
Packaging group	15 kg kraft paper bag
Special precautions for transport (sea, land, air)	If stacked on pallets or freely, no more than 6 layers of containers should be placed on top of each other.
Storage information	If stacked on pallets or freely, no more than 6 layers of containers should be placed on top of each other.

15 Regulatory Information

National and international regulations	Must comply with national and international regulations.
Labeling requirements	Not flammable.
EREACH, TSCA, PICCS, ENCS, EINECS, ECL, DSL	China, USA, Philippines, Japan, Europe, Korea, Canada

16 Other Information

MSDS preparation / update date	16-07-2025
Version number	-
Explanations of abbreviations used	-
EU classification	-
EU symbol	None
EU risk definition	None
EU safety definition	-
SDS publication number	-
Additional safety instructions	-
Additional information or notes	This information only describes the safety requirements of the product(s) and is based on our current knowledge. It does not constitute a guarantee of the properties of the described product(s) within the scope of legal obligations. Please refer to relevant product information documents. This form has been prepared based on current knowledge to define the health, safety, and environmental impacts of the product. It contains essential information for the safe storage, transport, and use of the product. The information in this document should be brought to the attention of the person responsible for safety management.

Note: This document has been prepared and certified by accredited expert personnel in accordance with 91/155/EEC, 2001/58/EC, ISO 11014-1, and the Regulation on the preparation and distribution of Safety Data Sheets for hazardous substances and preparations (Official Gazette No. 27092, 26 December 2008).