



## Safe Use Instructions Sheet \*

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### 1. Identification of the Product and the Company

#### ISOVER ULTIMATE Mineral Wool

##### Use of the Product:

Thermal, acoustic and/or fire insulation

##### Company:

SAINT-GOBAIN ISOVER G+H AG

Buengermeister-Gruenzweig-StraÙe 1

D - 67059 Ludwigshafen/Rhein

Telephone:

++49 (0)621 501 200

Telefax:

++49 (0)621 501 201

E-Mail:

dialog@isover.de

Department:

ISOVER Dialog

Emergency telephone number:

++49 (0)621 501 200 (open at usual working hours)

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### 2. Hazard Identification

##### Hazard description:

**No hazards are associated with ISOVER ULTIMATE Mineral Wool and no hazard labelling is required.**

Nevertheless, please observe the information given in this safe use instructions sheet.

##### Additional information pertaining to special risks for humans and the environment:

Explosions:

Non-applicable

Warming:

Non-applicable

Excessive heat:

Non-applicable

Fire:

Non-applicable

Dust:

Mechanical effects on skin like itching may occur due to coarse fibres; such symptoms are reversible and temporary.

Please follow the recommendations of section 7.

Spark formation:

Non-applicable

Sliding:

Non-applicable

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## 3. Composition / Information on Ingredients

Substance	C.A.S. number (EINECS-Number)	Amount weight (%)	Classification and labelling (Regulation (CE) n°1272/2008)	Classification and labelling (European directive 67/548/EEC)
ULTIMATE Mineral Wool	- (650-016-00-2)	> 90 %	Not classified	Not classified
terpolymer binder		< 10 %	Not classified	Not classified

Dependent on application ISOVER ULTIMATE Mineral Wool contains small quantities of mineral oil, water-repellent additives, coupling agent, adhesive and / or facing. All components are not classified according to Regulation (EC) No 1272/2008 and European Directive 67/548/EEC.

### Hazardous ingredients

None

## 4. First Aid Measures

### In case of inhalation:

Remove from exposure and provide for fresh air.  
Rinse throat and blow nose to clear dust.

### In case of skin contact:

Wash skin gently with cold water and soap.

### In case of eye contact:

Do not rub eyes, rinse gently and abundantly with water,  
if necessary, call on medical advice.

### In case of ingestion:

Drink plenty of water.

If first aid measures don't produce relief or discomfort continues, call on medical advice.

## 5. Fire Fighting Measures

ISOVER ULTIMATE Mineral Wool as such is incombustible and does not contribute to a fire hazard; however, some packaging materials or facings may be combustible.

### Suitable extinguishing media:

Water, foam, carbon dioxide (CO<sub>2</sub>) and dry powder.

### Special exposure hazards arising from thermal decomposition of ISOVER ULTIMATE Mineral Wool:

None

### Special protective equipment for fire-fighters:

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None

## Additional information:

None

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## 6. Accidental Release Measures

### Personal precautions:

In case of high concentrations of dust, use the personal protective equipment as mentioned in section 7.

### Environmental protection:

No special environmental measures are necessary.

### Methods for cleaning up:

Use appropriate mechanical cleaning measures. For small quantities and dust use a suitable vacuum cleaner.

### Additional information:

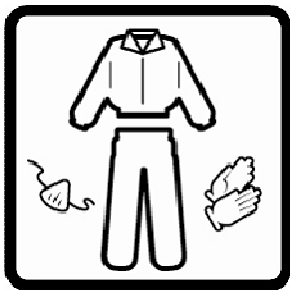
No release of dangerous substances.  
Don't use compressed air for cleaning surfaces or clothing.

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## 7. Handling and Storage

### Handling:

For cutting purposes use preferably a knife. If a power tool is used, it must be equipped with efficient air suction. Reduce release of dust. Avoid unnecessary handling of unwrapped product.



Cover exposed skin.  
When working in unventilated area wear disposable face mask.



Rinse in cold water before washing.

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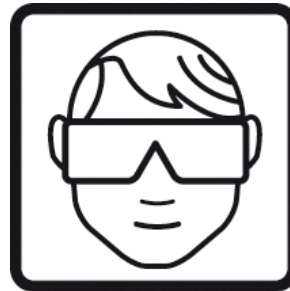
Clean area by using vacuum equipment.



Ventilate working area if possible.



Waste should be disposed according to local regulations.



Wear goggles when working overhead.

## Storage:

Technical measures and storage conditions: Store in original wrapping; keep dry and protected against mechanical damage.

Incompatible materials: None

Further information on storage conditions: None

Storage class: None

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## 8. Exposure Controls / Personal Protection

### Exposure limit values:

General occupational limit value for all dusts (TRGS 900):

3 mg/m<sup>3</sup>, alveolar

10 mg/m<sup>3</sup>, respirable

### Components for which occupational exposure limits resp. biological exposure limits apply:

None

### Exposure controls:

None

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## Protective clothing:

Please follow the recommendations of section 7.

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## 9. Physical and Chemical Properties

### General information:

Appearance: Elastic body in different shapes, preferably as batts, slabs, rolls, pipe sections or loose wool.  
Physical state: Solid  
Colour: Yellow-Green (similar to RAL 1005 honey yellow)  
Odour: Odourless

### Safety relevant basis data:

pH-Value: Not applicable  
Melting range: >1000 °C  
Boiling temperature: Not applicable  
Vapour pressure: Not applicable  
Density: 10 – 130 kg/m<sup>3</sup>  
Water solubility: Insoluble  
Substance group relevant properties: Non combustible according to EN 13 501 and/or DIN 4102-1, classes A1 und A2. Facings may change fire class.  
Please consult technical data sheet of relevant article.

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## 10. Stability and Reactivity

### Conditions to be avoided:

Binder decomposes at a temperature exceeding 150°C.

### Materials to be avoided:

None

### Hazards from thermal decomposition:

None

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## 11. Toxicological Information

### Acute toxicity:

None

### Irritant and corrosive effects:

None.  
Mechanical effects on skin like itching may occur due to coarse

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fibres; such symptoms are reversible and temporary. Please follow the recommendations of section 7.

**Sensitisation:**

None

**Repeated dose toxicity:**

None

**Carcinogenic or mutagenic effects and reproductive toxicity:**

None.

ISOVER ULTIMATE Mineral Wool is exonerated according to Commission Directive 97/69/EC (nota Q), Regulation 1272/2008/EC (nota Q), German Ordinance on the Restriction of Hazardous Substances (No. 23 of annex to § 1) and German Ordinance on Hazardous Chemicals (No 22 of Annex IV).

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## 12. Ecological Information

**Ecotoxicity**

None

**Bioaccumulative potential:**

None

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## 13. Information about Disposal

**Appropriate disposal:**

Remove and dispose in accordance with regulations and procedures applicable on the activity concerned.

**Entry Number according to the German Ordinance on the list of Wastes:**

17 06 04 (insulating material except material covered by entry numbers 17 06 01 und 17 06 03).

**Packaging**

As far as packaging materials have to be disposed by participating in a dual system according to the German Ordinance on Packaging such disposal is effected by „Der Grüne Punkt - Duales System Deutschland GmbH“. All other packaging materials are disposed by means of the disposal system of Interseroh Dienstleistungs GmbH.

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## 14. Transport Information

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## Land transport (ADR/RID/GGVSE):

Not classified.

## Inland water transport (ADN/ADNR):

Not classified.

## Sea transport (IMDG):

Not classified.

## Air transport (ICAO-TI / IATA-DGR):

Not classified.

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## 15. Regulatory Information

### EU-Legislation:

A chemical safety assessment is not required for ISOVER ULTIMATE Mineral Wool.

### Labelling (Directive 67/548/EEC and Regulation 1272/2008/EC):

According to EC-regulations or the corresponding national regulations ISOVER ULTIMATE Mineral Wool does not require hazard labelling.

R-phrases:

None

S-phrases:

None

### National regulations:

German water hazard class (Wassergefährdungsklasse): Not water-endangering (nicht wassergefährdend)

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## 16. Other Information:

None

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This Safe Use Instruction Sheet is based on our current knowledge at the date of issue and is supposed to describe Saint-Gobain ISOVER G+H ULTIMATE Mineral Wool insulation products (all types) with regard to safety requirements. It is not meant to guaranty with a legally binding effect the presence/absence of certain properties.