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## **ILMENITE**

### **Safety Data Sheet**

In compliance with Regulation (EC)1907/2006(REACH)

Date of issue: 24/01/2010 Revision date: 19/08/2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

#### 1.1. Product identifier

Product form : Substance

Product name : Ilmenite

REACH registration No. : Exempted in accordance with Annex V.7

1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Use of the substance/preparation:

Substance used as such, in formulation or in formulation of products such as:

- Welding
- Glass
- Ceramics
- Steel industries

#### 1.2.2. Uses advised against

- None

Full text of use descriptors: see section 16.

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

Keramikos

Oudeweg 153

2031 CC Haarlem

T 023 – 542 44 16

#### 1.4. Emergency telephone number 023 – 542 44 16

SDS Ref:– 19-08-2014

Revision1



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SECTION2:Hazardsidentification.

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

ClassificationaccordingtoRegulation(EC)No.1272/2008[CLP]

Physical and chemical hazards: Not classified

Human health: Not classified

Environment: Not classified

Full text of H-phrases: see section 16

ClassificationaccordingtoDirective67/548/EEC or1999/45/EC

Not classified

Full text of R-phrases: see section 16

Adversephysicochemical, humanhealthandenvironmentaleffects No additional information available.

#### 2.2. Label elements

LabellingaccordingtoRegulation(EC) No. 1272/2008(CLP) No labelling applicable.

#### 2.3. Other hazards

Other hazards not contributing to the classification.

Chronic (long-term) health hazard. This product contains crystalline silica. Repeated inhalation of dusts containing crystalline silica over time can cause lung disease and cancer. Avoid dust creation. Do not inhale dusts from this product. Use a vacuum or wet clean-up methods to remove dusts. In common many minerals contains low levels of naturally occurring radioactive elements of the uranium and thorium series. The main radiological hazard from the product is internal exposure to alpha particles given off in small amounts by inhaled dust. Suitable dust control measures shall be employed to ensure occupational exposure to generated dust and alpha particles are kept as low as reasonably achievable. Low level gamma radiation from bulk or bagged stockpiles of the product may present a lesser, external hazard

SECTION3:Composition/informationoningredients.

#### 3.1.Substances

Chemical name	CAS No.	EC-No.	%	Classification
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(67/548/EEC)				Classification
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(1272/2008/EC)

Ilmenite	103170-28-1		93 - 96	Not classified	Not classified
Rutile (TiO <sub>2</sub> )	1317-80-2	215-282-2	0.5 - 5	Not classified	Not classified
Zircon	149040-68-2	239-019-6	0.1 - 1	Not classified	Not classified
Staurolite	12182-56-8		<15	Not classified	Not classified
Quartz	14808-60-7	238-878-4	<0.1	Not classified	Not classified
Monazite	1306-41-8		<0.1	Not classified	Not classified

Full text of R-, H- and EUH-phrases: see section 16

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SECTION 4: First aid measures.

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact: Wash skin with soap and water. Get medical attention if irritation persists after washing. Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water.

immediately. Get medical attention if any discomfort continues.

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

Inhalation: May cause coughing. Irritation to respiratory tract.

Ingestion: No specific symptoms noted.

Skin contact: No specific symptoms noted.

Eye contact: May cause eye irritation. Redness of the eye tissue.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures.

5.1. Extinguishing media Suitable extinguishing media:

All extinguishing media allowed.

Unsuitable extinguishing media:



None.

5.2. Special hazards arising from the substance or mixture Fire hazard:

The product is not flammable.

Explosion hazard:

No explosive properties known.

Reactivity:

Stable under normal conditions of handling and storage.

5.3. Advice for firefighters Firefighting instructions:

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire/ Prevent fire-fighting water from entering environment.

Protection during firefighting:

Do not enter fire area without proper protective equipment, including respiratory protection.

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