

## IRON-SILICATE FINES SAFETY DATA SHEET

### INSTRUCTION MANUAL FOR ACTIONS IN CASE OF ACCIDENT DURING TRANSPORTATION

<b>CARGO</b>	Non-hazardous cargo with code and name – 10 06 01 slag generated from 1 <sup>st</sup> and 2 <sup>nd</sup> stage manufacturing process (IRON-SILICATE FINES) Physical State: Solid
<b>GENERAL INFORMATION</b>	IRON-SILICATE FINES is finely dispersed material with bulk weight of 2,4 t/m <sup>3</sup> and particle size of 0,1 to 0,020 mm. Its phase composition is comprised of : silicates and oxides of iron, lead, aluminum, copper, etc. Its chemical composition includes predominantly Fe (42 to 49%), SiO <sub>2</sub> (24 to 32%) and Al <sub>2</sub> O <sub>3</sub> (2 to 5%). Color: anthracite/grey-black.
<b>WASTE MATERIAL CODE</b>	<b>Slag from stage 1 and stage 2 of the manufacturing process (IRON-SILICATE FINES) – 10 06 01</b>
<b>HAZARD TYPE</b>	<b>This waste material does not have any hazardous properties, however it can potentially cause the following effects:</b> <ul style="list-style-type: none"><li>• Irritation effects on the conjunctiva, the mucous membranes of the respiratory system, and the skin, if inhaled or if in contact with the skin and the eyes.</li><li>• In case of prolonged contact, symptoms of intoxication due to heavy metals are likely to occur.</li><li>• Air and soil pollution due to dust formation.</li></ul>
<b>PERSONAL SAFETY EQUIPMENT</b>	<ul style="list-style-type: none"><li>• Gloves of leather and cloth with five fingers.</li><li>• Safety clothes, including feet protection (shoes, boots).</li><li>• Half mask with dust filter type P3.</li><li>• Closed type of safety goggles – anti-dust protection.</li><li>• Physiological solution for eye flushing.</li></ul>

### GENERAL MEASURES TO BE UNDERTAKEN BY THE VEHICLE DRIVER

- Stop the vehicle and turn off the engine.
- Confine the area of the accident and ensure appropriate signature

- Warn the rest of the traffic participants or bypassing vehicles.
- Inform the public, for example - provide instructions for attendees to be situated on the windward side of the vehicle.
- Inform the police and the competent environmental authorities, if the cargo has entered aquatic territories and/or sewerage system, or in case of soil and vegetation pollution.

## **ADDITIONAL AND/OR SPECIAL MEASURES TO BE UNDERTAKEN BY THE VEHICLE DRIVER**

### **EQUIPMENT**

- Spade
- Broom
- Receiving container
- In case of spills - free flowing cargo, seal off the leakages.
- Prevent cargo penetration into the sewerage system and/or shafts.
- Never wash the road using water.
- Spilled cargo shall be collected and loaded back taking care to minimize dust formation.
- Be sure to observe measure for personal protection and use of personal safety equipment, as specified above.

### **FIRE. INFORMATION FOR THE VEHICLE DRIVER IN CASE OF FIRE**

- This material is not combustible. In case of fire on the vehicle, use the common fire fighting means – fire extinguisher.

### **FIRST AID MEASURES**

- In case of contact with the eyes, wash the eyes immediately with abundant quantity of physiological solution or clean water. Seek medical advice.
- Medical advice is required if symptoms occur, such as symptoms obviously attributable to inhalation or skin contact. Even if symptoms are not associated with the effects from the cargo, seek medical aid and show this instruction manual to the medical specialist.

### **ADDITIONAL INSTRUCTIONS**

**Information for support:**  
AURUBIS Bulgaria AD. Industrial zone  
2070, PIRDOP, BULGARIA.  
Phone: + 359 (728) 6 2514; Fax: + 359 (728) 6 24 92

### **VALID DURING ROAD TRANSIT ONLY**

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