

Fields of Application

Preventive actions: deactivation of coal and other materials with a self-igniting tendency; minimisation of endogenic fire hazards. Impregnation of the coal surface; reduction of coal degradation. Interrupting the self-heating process. To secure coal during transport. For use in the fire prevention and active fire extinguishing. To secure coal stored for a long time.

Advantages

Very strong inhibitor of the coal oxidising process (highest class 5 in the 5 grade classification of the Central Mining Institute). The product's high effectiveness results from its double effect:

- Mechanical effect: where owing to good penetration properties the product penetrates into pores and microcracks of coal grains; reduces oxygen access;
- Chemical effect: by reducing chemical activity of coal and reducing the oxidation rate.

It results in the oxygen chemisorption tendency to disappear. It interrupts the coal self-heating process that already has started. After it dries off, it forms a film resistant to washing on the coal surface. It glues together and consolidates coal grains. If used in fuel depots, it does not degrade coal or reduce its parameters. It is non-flammable.

Product characteristics

Liquid antipyrophen; multi-component mixture of strong antipyrophen and modifiers. A liquid packed in 1,000 l containers, 200 l barrels and 25l cans.



Method of use:

By spraying over the surface or pumping.

Product durability and storage:

The product has a guaranteed durability of 6 months of the manufacture date on condition that it is stored according to the instructions. Protect the packaging from high temperatures and mechanical damage.

Information on safe use:

The product is not a hazardous material within the meaning of the ADR; IMDG; ICAO/IATA transport regulations. It is not subject to classifications or restrictions. It does not pose environmental hazards.