

Product-No.: 50065 Revision: 22 February 2002

1. Product and Company Identification

EDM-Fluid for fast-hole drilling machines

IONOVIT S

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2. Composition/ Information on Ingredients

Composition of alcohol derivatives and organic salts in water. Does not contain any hazardous ingredients.

3. Hazards Identification

No special hazards.

4. First Aid Measures

Inhalation: Does not occur.

Eye contact: Flush with large amounts of water.

Skin contact: Flush with large amounts of water, use soap. Remove contaminated clothing.

Ingestion: Rinse the mouth thoroughly with water and drink a large amount of water afterwards. In case of continuous troubles get medical attention.

5. Fire Fighting Measures

Does not occur, because product is not flammable.

6. Accidental Release Measures

Land spill: Eliminate sources of ignition. Prevent liquid from entering sewers, watercourses or low areas. Advise police if substance has entered a watercourse or sewer or has contaminated soil

or

vegetation. Contain spilled liquid with absorbent material.

Disposal of recovered material according to national laws.

Product is soluble in water and well biodegradable.

Water spill: Warn other shipping. Notify port or relevant authority.

7. Handling and Storage

Handling: Suck out erosion vapors. Use with adequate ventilation.

Storage: Storage temperature 10 - 30°C. Store in a cool, well-ventilated place. Keep container closed. Store away from foods.

Storage possible for 12 months.

8. Exposure Controls/ Personal Protection

Skin protecting: Avoid contact, for longer contact use chemical resistant

cover skin.

Eye protecting: Safety glasses with side shields.

Keep away from food. Remove contaminated clothing and launder before reuse. Do not inhale erosion vapors.

9. Physical and Chemical Properties

Physical state: liquid Colour: slightly yellow Odor: odorless

Melting point: -5 °C

Boiling point: ca. 100 °C DIN 51 751

Density: 1,10 g/cm³ at 20°C DIN 51 757

Viscosity: n.d. mm²/s at 20 °C DIN 51 562

Solubility in water: soluble

pH-value: ca. 8,5 at 20°C DIN 51 369

Flash point: n. a. DIN EN 22 719

Autignition temp.: n. a. DIN 51 794

Explosive limits: n. a. DIN 51 649

10. Stability and Reactivity

Thermal decomposition: none

Hazardous decomposition products: none

Material and conditions to avoid: strong oxidizing agents

11. Toxicological Information

Does not contain chlororganic compounds or heavy metals.

If used properly there is no hazard for health.

12. Ecological Information

This product is well biodegradable. Not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

Water endangering class: 1 (slightly water endangering)

13. Disposal Considerations

According no national laws: dump in approved area.

European waste catalogue: 120109, sludge: 120111

14. Transport Information

RID/ADR-GGVS/E: Class Number

GGVSee/IMDG-Code: UN-Nr.:

15. Regulatory Information

No labelling required.

Water endangering class: 1.

16. Other Information

n.a. = not applicable

n.b. = not determined

Issued by: ua

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