



Material Safety Data Sheet

Section 1: Material/Company Identification

PRODUCT NAME: C.I.Agent® Hydrocarbon Detection Strips	DISTRIBUTOR C.I.Agent Solutions®, LLC 11760 Commonwealth Dr. Louisville, Kentucky 40299 Phone: 502.267.0101 Toll Free: 866.242.4368 Fax: 502.267.0181 Web: www.ciagent.com	MANUFACTURER MACHEREY-NAGEL GmbH & Co. KG Neumann-Neander-Strasse 6-8, D-52355 Dueren - Germany +49 (0)2421 969 0
Product for analytical use to detect hydrocarbons on land and water		
Emergency Phone - call local Poison Control Center		

Section 2: Hazards Identification

Special Notes

This is not a hazardous substance/mixture. According to our current status of knowledge and experience, we state that this product does not contain any substances which, in accordance with EC regulations 1907/2006/EC, 1999/45/EC, 67/548/EEC and German Regulations for Hazardous goods, have to be declared as dangerous goods, either because of their applied concentration or because of their total amount in anyone kit. An individual package has considerably less hazardous potential.

Section 3: Composition/Information on Ingredients

Chemical Characterization

Substance(s): Test paper impregnated with no hazardous substances in reportable concentrations.

CAS No.: 9004-34-6

EC No.: 232-674-9

INDEX No.: n.n.

R reference: -

S reference: 22

Section 4: First Aid Measures

Symptoms and Effects

None

Skin

Flush skin with water.

Eye

Flush thoroughly under running water with the eyelid wide open.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Fire extinguishers appropriate to the fire classification and, if applicable, a fire blanket must be available in a prominent location in the work area.

Additional Information

The substance itself is not flammable. Product package burns like paper or plastic. Cool any undamaged containers in water and remove from the danger zone if possible.

Section 6: Accidental Release Measures

Methods of Cleaning-Up

Bind any escaping liquid with universal binder and dispose.

Section 7: Handling and Storage

Handling

In accordance with the testing instructions that comes with the product.

Storage

The original product package of MACHEREY-NAGEL allows a safe storage. Keep packages tightly closed during handling and storage.

Section 8: Exposure Controls/Personal Protection

Exposure Limit Values

TRGS 900: 4 E mg/m³; SUVA.CH: 3 a ml/m³; TRGS 901-96

Exposure Controls

Respiratory protection: not necessary

Eye protection: not necessary

Hand protection: not necessary

Skin protection: not necessary

Section 9: Physical and Chemical Properties

General Information

Appearance: liquid or solid

Important Health, Safety and Environmental Information

pH in aqueous solution: -

Melting point [°C]: -

Boiling point [°C]: -

Relative density: (at 20°C) g/cm³

Solubility in water: (at 20°C) 0

Section 10: Stability and Reactivity

Conditions to Avoid: not necessary

Materials to Avoid: not necessary

Hazardous Decomposition Products: For safety separation, the reagents should be stored in the original package. Decompositions are not observed during the expiration period under recommended conditions.

Section 11: Toxicological Information

Toxicological Tests

Corrosive effects: not observed

Irritant effects: not observed

Effects after multiple exposition: not observed

Carcinogen/mutagen effects: -

Other effects: LD_{50 oral rat} >5000 mg/kg LC_{50 inh rat} >5800 mg/m³/4h LD_{50 derm rbt} >2000 mg/kg

Section 12: Ecological Information

Ecotoxicity

No ecotoxicological data has been generated for this product.

Section 13: Disposal Considerations

No disposal data has been generated for this product.

Section 14: Transport Information

Not necessary

Section 15: Regulatory Information

Labeling

Code: -
Description: not necessary
Constituents which are crucial to the hazard: none
R reference: -
S reference: 22

International and National Regulations

1. European Community Directive 67/548/EEC governing the classification, packaging and labeling of dangerous substances, including Adaptation to Technical Progress (ATP), 2006/121/EC
2. German act governing protection from hazardous substances (Chemicals Act/Chemikaliengesetz-ChemG), revised on May 2008
3. German order governing protection from hazardous substances (Ordinance on Hazardous Substances/ Gefahrstoffverordnung - GefStoffV), revised on December 2004, according to Directive 98/24/EC
4. Directive 1998/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
5. Directive 1999/45/EC concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labeling of dangerous preparations
6. Regulation (EC) 1907/2006/EC concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
7. TRGS 200, German engineering rules governing the classification and labeling of hazardous substances, preparation and products, updated February 2007
8. Announcement 220 (German Committee for Hazardous Substances) Safety Data Sheet, September 2007
9. TRGS 900, German engineering rules governing limits in air at work, updated December 2006
10. SUVA.CH, Limits in air at work 2009, revised on 01.2009
11. TRGS 905, German engineering rules governing carcinogens and mutagens, updated May 2008

Other National Regulations

DE: Water Hazard Class: WGK -

Section 16: Other Information

Other Information

R references -
S references S22 Do not breath dust

Recommended Usage and Restriction

An individual package of this product or of this test kit has considerably less hazardous potential.

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DISCLAIMER:

C.I.Agent Solutions believes this information is the best currently available on the subject. It is offered as a possible suggestion and guideline in experimentation you may undertake along these lines. It is subject to revision as additional knowledge and experiences are gained. We make no guarantee of results and assume no obligation or liability whatsoever in connection with this information.

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