

Safety Data Sheet for Leak detector indicator fluid:
CO-151-2 - Indicator Fluid and CO-151-3-R Rinsing Fluid

Safety Data Sheet according to EEC-Regulations

1. Identification of the substance / preparation and of the company /undertaking of the substance or preparation.

Indicator fluid for detecting CO₂ -Gas

Use of the substance / preparation: Refer to description.

Company undertaking identification:

Pauwelussen Speciaalgereedschap B.V.

Middelmoet 16, 1721 CZ Broek op Langedijk

Phone: 00 31 (0) 226 331933 Fax +31 (0)226 331939

In case of emergencies: 8:30-17:00 during the week.

NVIC phone: + 31 (0) 30-2748888 (24 hours per day; only for doctors)

2.. Composition / information on ingredients

2.1 Chem. Name % symbol R-phrases CAS

EINECS < 0,1%ELINCS

3. Hazards identification

3.1 To people see point 11 and 15. The preparation is **not** classified as hazardous in the sense of directive 1999/45/EG 3.2 To the environment see point 12

4. First aid measures

4.1 **Inhalation:** Supply fresh air and consult doctor according to symptoms

4.2 **Eye contact:** Wash thoroughly using copious water and seek medical help if necessary.

4.3 **Skin contact:** Wash with soap and water remove contaminated clothing. If skin irritation occurs, consult doctor.

4.4 **Ingestion:** Medical attention recommended

4.5 Special recourse necessary for first aid: n.g.

5. Fire-fighting measures

5.1 Suitable extinguishing media regardless of nature of fire

5.2 Extinguishing media not to be used for safety: n.g.

5.3 **Special exposure** hazards arising from the substance or preparation itself, combustion products, resulting gases:

In case of fire the following can develop: Oxides of carbon.

5.4 **Special protective** equipment for fire-fighters:

According to size of fire: Protective respirator with independent air supply Full protection if necessary.

5.5 **Further information:** Dispose of contaminated water according to official regulations.

6. Accidental release measures

Refer to point 13 and for personal protection to point 8

6.1 **Personal precautions:** avoid contact with eyes.

6.2 **Environmental measures:** If leakage occurs, dam up.

Do not pour down the drain undiluted.

6.3 **Methods of cleaning up:** Collect using absorbent material and dispose of according to point 8.

7. Handling and Storage

7.1 **Handling:** Tips for safe handling: See point 6.1 General hygiene measures for handling chemicals are applicable

Observe directions and instructions for use.

7.2 **Storage:** Requirements for storage rooms and containers

Not to be stored in gangways or stair wells

Special storage conditions: See point 10.2

Store at temperatures from 0° to 45° C .

8. Exposure controls /Personal protection

Ensure good ventilation. This can be achieved by air extraction. If this is insufficient to maintain the contamination under the **GES, MEL, MAK, TRK** values suitable breathing protection should be worn.

Chem. Name content % GES, MEL, MAK, TRK

BMGV, BAT GAS < 0,1%

8.1 **Respiration protection:** Normally not necessary

8.2 **Hand protection:** Normally not necessary with long term contact: **Rubber gloves (EN 347) Permeations time > 480 min.**

8.3 **Eye protection:** Tight fitting protective goggles (EN 166) with side protection with danger of projections

8.4 **Skin protection:** Protective working garments

(e.g..safety shoes EN 344)

Additional information on hand protection- no tests have been performed Selection made for preparations according to the best available knowledge and ingredients. Selection of materials derived from glove manufactures indication.

9. Physical and chemical properties

Preparation consists of 99% distilled water

Physical state: Liquid: Colour: Blue

Odour: Odourless pH values - undiluted:: 6,6 -6,8.

Boiling point: 100 ° C Melting point: k.D.v.

Vapour pressure k.D.v.

Relative density: (g/ml) 0,92/20 ° C .

Solubility in water: Mixable.Viscosity k.D.v.

VOC: 1 kg/ 1000 ml

10. Stability and reactivity

10.1 **Conditions to avoid:** see Point 7

Stable when handled and stored correctly

9.2 **Materials to avoid:** See point 7 None known.

10.3 **Hazardous decomposition product:** -

11. Toxicological Information

11.1 **Acute toxicity and immediate effects:**

11.1.1 Ingestion, LD50 rat oral (mg/kg): k.D.v.

11.1.2 Ingestion, LD50 rat inhal (mg/kg): k.D.v.

11.1.3 Skin contact, LD50 rat dermal(mg/kg): k.D.v.

Not irritant

11.1 4 Eye contact: mild irritant k.D.v.

11.2 **Delayed and chronic effects:**

11.2.1 Sensitization: k.D.v.

11.2.2 Carcinogenicity: k.D.v.

11.2.3 Mutagenicity: k.D.v.

11.2.4 Reproductive toxicity: k.D.v.

11.2.5 Narcosis: k.D.v.

11.3 **Further information:**

No classification according to calculation procedure.

The following may occur: Irritation of the eyes.

12. Ecological Information

Water Hazard class: Not hazardous to water
Self classification: yes (VwVwS)
Persistence and degradability: k.D.v.
Behaviour in sewage plants: k.D.v.
AOX: k.D.v.
Aquatic toxicity: k.D.v.
Persistence and degradability: k.D.v.
Ecological toxicity: k.D.v.

13. Disposal considerations

13.1 for the material / preparation / residue

EC disposal code No.: The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

07 07 01 aqueous washing liquids and mother liquors

07 03 01 aqueous washing liquids and mother liquors

Recommendation: Pay attention to local and national official regulations E.g. dispose at suitable refuse site.

13.2 for contaminated packing material

see point 13.1 Pay attention to local and national official regulations

15.01.01 paper and cardboard packaging

15.01.02 plastic packaging

14. Transport information

General statements

UN-Number: n.a.

Road / Rail-transport (ADR/RID)

Class / packing group: n.a.

Classification code: n.a.

LQ: n.a.

Transport by Sea:

IMDG-code: (class / packing-group) n.a.

EmS -Number: n.a.

Marine Pollutant: n.a.

Transport by air:

IATA (class/secondary danger/packing group) n.a.

Additional information:

None-dangerous material according to Transport Regulations

15. Regulatory Information

Classification according to Dangerous Product Regulations

incl. EC Guideline (67/548/EEC and 1999/45/EC)

Symbols: Indication of danger: n.a.

R-phrases: n.a. S-phrases: n.a.

VbF: n.a.

Observe restrictions: n.a.

16. Other Information

These details refer to the product as it is delivered.

Storage class VCI): 12

Revised points: 8