



EMERGO Metal Treatment
P.O. Box 323
9500 AH Stadskanaal – The Netherlands

Twentepoort Oost 15
7609 RG Almelo – The Netherlands
T.+31 546 – 543 040
F.+31 546 – 543 045

IBAN: NL 64 RABO 0130 7503 44
COC: 0603 2852
VAT: NL8206.23.994.B01

MATERIAL SAFETY DATA SHEET

According to REGULATION (EU) No 453/2010, annex I

SECTION 1: Identification of the mixture and of the company /undertaking

1.1. Product identifier

Product name: Innogel B450

1.2. Relevant identified uses of the mixture and uses advised against

Product use : Ready-to-use cleaner for stainless steel and other non-ferrous metals, for use according to the instructions in the Technical Bulletin and the user instructions.

Use against which is recommended: This product must not be used for other applications then that which are recommend without seeking advice of the supplier.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: EMERGO Metal Treatment
Twentepoort Oost 15
7609 RG Almelo
The Netherlands

P.O. Box 323
9500 AH Stadskanaal
The Netherlands

Phone.: +31 (0)546 – 543 040

Fax.: +31 (0)546 – 543 045

E-mail: info@emergometal.com

Web: www.emergometal.com

1.4. Emergency telephone number

Phone.: +31 (0)546 – 543 040

SECTION 2: Hazards identification

Description of hazard

This substance is not classified as dangerous according to Directive 67/548/EC and 1999/45/EC

SECTION 3: Composition / information on ingredients

Substance	Identification	Classification	Contents
Citric Acid	CAS no.: 5949-29-1 EC no.: 201-069-1	Xi; R36	10 - 30 %
Phosphoric acid	CAS no.: 7664-38-2 EC no.: 231-633-2	C; R34	5 - 15%
Column headings	CAS no. = Chemical Abstracts Service. EC (EINECS or ELINCS number) = European inventory of Existing Commercial Chemical Substances; Ingredient name = name as specified in the substance list (substances that are not included in the substance list must be translated, if possible). Contents given in; %, %wt/wt, %vol/wt, %vol/vol, mg/m3, ppb, ppm, weight%, vol%.		



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HH/HF/HE

T+ = very toxic, T = toxic, C = corrosive, Xn = harmful, Xi = irritating, E = explosive, O = oxidizing, F+ = extremely flammable, F = very flammable, N = environmental hazard.

SECTION 4: First aid measures

General

If eye contact, flush with water.

Skin contact:

Flush with water.

Eye contact:

Immediately flush with plenty of water for at least 5 minutes. Hold the eyelids open. Seek medical if irritation persist.

Ingestion:

Drink water or milk. Seek medical if irritation persist.

SECTION 5: Firefighting measures

Non-flammable. No special attempt required.

SECTION 6: Accidental release measures

General measures

Use recommended protection

Cleaning method

Small amount may be wiped up with a suitable cloth which is washed thoroughly with water after use.

SECTION 7: Handling and storage

Handling

No special requirements.

Storage

Keep product froze free.

SECTION 8: Exposure controls / personal protection

Respiratory protection

No special requirements

Hand protection

In direct contact with product, use gloves. Natural rubber, latex or PVC.

Eye protection

Use protective glasses if risk of directly contact with the eye.



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SECTION 9: Physical and chemical properties

Physical state:	Gelatinous
Odour:	Insignificant
Colour:	Green
Solubility in water:	100%
Specific gravity:	1,14 g/cm ³
Boiling point/boiling range:	101 ° C
pH (as supplied):	1,4

SECTION 10: Stability and reactivity

Conditions to avoid

Bases/alkaline substances/preparations (inorganic)

Stability

Stable under normal conditions.

SECTION 11: Toxicological information

General

The extent of the injury is dependent on the concentration of the product and the duration of the contact with the tissue.

Inhalation

Vapours and aerosols may cause irritation in the respiratory system.

Skin contact

Repeated and prolonged contact may have irritating effect.

Eye contact

Moderately irritating

Ingestion

If swallowed the product will have an irritating effect on mucous membranes in the mouth, oesophagus and gastro-intestinal tract.

SECTION 12: Ecological information

Ecotoxicity

Not regarded as dangerous for the environment.

Mobility

Soluble in water.

SECTION 13: Disposal considerations

The product is not classified as hazardous waste.

Specify the appropriate methods of disposal

Flush with clean water, or dry up with a cloth.

MATERIAL SAFETY DATA SHEET

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SECTION 14: Transport information

Additional information: Not classified as dangerous goods (according to UN, IMO, ADR/RID and IATA/ICAO).

SECTION 15: Regulatory information



R-phrases

S-phrases

R-36 Irritation to eyes

S-1/2 Keep locked up and out of the reach of children.

S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S-45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

EEC-directive

Directive 67/548/EEC, 1999/45/EEC. Directive 2001/58/EC.

SECTION 16: Other information

List of relevant R-phrases

R36 Irritating to eyes.

R34 Causes burns

Additional information

The Material Data Sheet is made on the basis of information given by the producer.

Responsible for safety data sheet

EMERGO Metal Treatment