



Safety Data Sheet according to Regulation (EC) No 1907/2006

CITO-SYSTEM GmbH

Revision date: 22.01.2014

Revision No: 1,1

HS CITO Steel rules

11458-0006

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

1.1. Product identifier

HS CITO Steel rules

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

Use of the substance/mixture

Steel rules for cutting dies

1.3. Details of the supplier of the safety data sheet

CITO-SYSTEM GmbH

Haimendorfer Straße 37 + 46

D-90571 Schwaig

Telephone: +49 (0)911/95885-0

Telefax: +49 (0)911/95885-50

info@cito.de

www.cito.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone Emergency telephone :+49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Directive 1999/45/EC.

2.2. Label elements

Additional advice on labelling

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

2.3. Other hazards

Not known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Solid

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No hazards which require special first aid measures.

After inhalation

Inhalation is not considered a potential route of exposure.

After contact with skin

No specific precautions required.

After contact with eyes

No specific precautions required.

After ingestion

Ingestion is not considered a potential route of exposure.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed



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Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Extinguishing media which must not be used for safety reasons

Full water jet.

5.2. Special hazards arising from the substance or mixture

Not known.

5.3. Advice for firefighters

No specific precautions required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special precautions required.

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures necessary if used correctly.

Wear cut resistant gloves.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special precautions required.

7.3. Specific end use(s)

Steel rules for cutting dies

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

No specific technical precautions necessary.

8.2. Exposure controls

Protective and hygiene measures

Wash hands before breaks and after work.

When using, do not eat, drink or smoke.

Respiratory protection

No personal respiratory protective equipment normally required.



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Hand protection

Wear cut resistant gloves.

Eye protection

Not required under normal use.

Skin protection

Not required under normal use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Colour: Metallic
Odour: Odourless

Test method

Changes in the physical state

Melting point:	> 1400 °C
Flash point:	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Ignition temperature:	n.a.
Density (at 20 °C):	n.d.
Water solubility: (at 20 °C)	insoluble

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Cold-rolled steel strip is not toxic.

Irritation and corrosivity

Skin irritation: Not classified.

Eye irritation: Not classified.

Sensitising effects

Not classified.

Carcinogenic/mutagenic/toxic effects for reproduction

Carcinogenicity: Not classified.



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Mutagenicity: Not classified.

Reproductive toxicity: Not classified.

Additional information on tests

Classification in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

SECTION 12: Ecological information

12.1. Toxicity

Cold-rolled steel strip is not dangerous for the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Where possible recycling is preferred to disposal.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

Other applicable information

No hazardous material as defined by the transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

1999/13/EC (VOC): 0 %

National regulatory information

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships



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IBC = Code International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

VOC = Volatile organic compound

STOT SE = Specific target organ toxicity single exposure

STOT RE = Specific target organ toxicity repeated exposure

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

bw = body weight

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)