

**SAFETY DATA SHEET**

In accordance with Regulations (EC) No. 1907/2006

Version vEN1.1AU; Revision of 01-06-2022; Date of print: 1-6-2022

**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier:** **TK20 Chromium-6 Neutralizer**

Product number: TK20-F01

Supplier: MATinspired B.V.

REACH Number: A registration number is not available for this substance because the substance or use is excluded for registration, because for the annual volume no registration is required or because the registration is foreseen with a later registration deadline

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

For the reduction/removal of chromium-6 contaminations on metals

**1.3 Details of the supplier of the safety data sheet****Manufacturer:**

Name: MATinspired B.V.

Address: Ericssonstraat 2, NL-5121 ML Rijen, THE NETHERLANDS

Telephone: +31 85 30 36 411

E-mail: info@matinspired.com

**Australian distributor:**Supplier name: **AIR-MET SCIENTIFIC PTY LTD**

Address: 7 – 11 Ceylon St, Nunawading, VIC, 3131 AUSTRALIA

Telephone: 1800 000 744

E-mail: sales@airmet.com.au

Website: https://www.airmet.com.au

**1.4 Emergency telephone number:**

Australia: 0418 322 144

**2. Hazards identification****2.1 Classification of the substance or mixture in accordance with Regulation (EC) No 1272/2008**

Classification	Hazard category	Hazard statement
Eye irritation	Category 2	H319

## 2.2 Label elements in accordance with Regulation (EC) No. 1272/2008

Hazard pictograms



**Signal word:** Warning

### Hazard statements

H319 Causes serious eye irritation

### Precautionary statements

P264 Wash exposed skin thoroughly after handling

P280 Wear protective gloves, eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention.

**UFI:** D0X2-908V-V00J-VANS

## 2.3 Other hazards

None

## 3. Composition/information on ingredients

### 3.1 Composition:

Chemical characterisation: Mixtures

Description: Aqueous mixture

### 3.2 Dangerous components

Component	Concentration	Product identification	CLP Classification
Citric acid monohydrate	5 - 15%	CAS: 5949-29-1	Eye Irrit. 2A, H319

Surfactant <1%

### Further information:

For the full text of the hazards mentioned here, see Section 16

## 4. First aid measures

### 4.1 Description of first aid measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**After inhalation:** Allow affected person to breathe fresh air. Allow the victim to rest.

**After skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**After ingestion** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

### **5. Firefighting measures**

#### **5.1 Extinguishing media**

Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### **5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released: carbon oxides (CO, CO<sub>2</sub>).

Non-combustible.

#### **5.3 Advice for firefighters**

- Protective equipment: Wear self-contained respiratory protective device.
- Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Contain escaping vapours with water.

### **6. Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Protective equipment: Safety glasses

Avoid substance contact.

Do not inhale steams/aerosols.

#### **6.2 Environmental precautions**

Do not allow to enter sewers/ground water/soil.

#### **6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material material (sand, gravel, sawdust, universal binder).

#### **6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection

See Section 13 for information on waste disposal

### **7. Handling and storage**

#### **7.1 Precautions for safe handling**

#### **7.2 Conditions for safe storage, including any incompatibilities**

##### **Conditions for storage**

Keep container closed when not in use.

**Incompatible products:** Strong bases. Strong oxidizers.

**Incompatible materials:** Sources of ignition. Direct sunlight

#### **7.3 Specific end use(s)**

No relevant information

## 8. Exposure controls/personal protection

### 8.1 Control parameters

Not applicable

### 8.2 Exposure controls

**Appropriate engineering controls :** Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation

### 8.3 Individual protection measures/Personal protective equipment

**Personal protective equipment:** Gloves. Safety glasses

**Hand protection:** Wear protective gloves

**Eye protection:** Chemical goggles or safety glasses

**Respiratory protection:** Respiratory protection not required in normal conditions

**Other information:** Do not eat, drink or smoke during use.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Clear light red liquid
Odour	Slight
pH	1-2
Melting point	Not determined
Boiling point	Not determined
Flash point	Not applicable
Ignition temperature	Not applicable
Auto-ignition	The product does not auto-ignite
Explosion hazard	Not applicable
Explosion limits	The product does not present an explosion hazard
Vapour pressure	Not determined
Density	Not determined
Solubility in water	Completely soluble
Viscosity	
Dynamic	Not determined
Kinematic	Not determined

### 9.2 Other information

## 10. Stability and reactivity

### 10.1 Reactivity

No additional information available

### 10.2 Chemical stability

Not established

### 10.3 Possibility of hazardous reactions

Not established

#### 10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures

#### 10.5 Incompatible materials

Strong oxidizers. Strong bases.

#### 10.6 Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide

### 11. Toxicological information

#### 11.1 Information on toxicological effects

##### Acute oral toxicity:

Not classified

##### Primary irritant effect:

Not classified

### 12. Ecological information

#### 12.1 Toxicity

LC50 fish 1: 440 mg citric acid/l

EC50 Daphnia 1 1534 mg/l

#### 12.2 Persistence and degradability

No further relevant information available

#### 12.3 Bioaccumulative potential

No further relevant information available

#### 12.4 Mobility in soil

No further relevant information available

#### 12.5 Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

#### 12.6 Other adverse effects:

No further relevant information available

### 13. Disposal considerations

#### 13.1 Waste treatment methods

Waste disposal recommendations

:Dispose in a safe manner in accordance with location/nation regulations.

Ecology – waste materials

:Avoid release to the environment

## 14. Transport information

### Land transport (ADR/RID)

Not regulated

### Sea transport (IMDG)

Not regulated

### Air transport (ICAO-TI / IATA-DGR)

Not regulated

## 15. Regulatory information

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

**German Water Hazard Class:** slightly hazardous to water (WGK 1)

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

## 16. Other information

### Full text of H-Statements referred to under section 2 and 3

H319 Causes serious eye irritation

### Abbreviations:

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European agreement concerning the International Carriage of Dangerous Goods by Road)

DGR: Dangerous Goods Regulations

IATA: International Air Transport Association

ICAO-TI: International Civil Aviation Organization-Technical Instructions

IMDG: International Maritime Code for Dangerous Goods

PBT: Persistent, Bioaccumulative and Toxic

RID: Regulation concerning the international Carriage of Dangerous Goods by Rail

vPvB: very Persistent, very Bioaccumulative

### Disclaimer

The information in these safety data sheets is based on our current knowledge, and is considered correct at the time of publication. However, no indication is given related to their accuracy and completeness. The information is only meant as a guideline and cannot be regarded as a guarantee or quality specification. All materials may present unprecedented risks and must be used with care. Although certain risks are described, we cannot guarantee that these are the only risks that exist. MATinspired B.V. cannot be held liable for damages resulting from the use of or contact with the product.

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