



# SAFETY DATA SHEET

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Date : 22 / 1 / 2013

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**TR-HYDRO****TRU00001**

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : TR-HYDRO

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

Use : Industrial. For professional use only.

### 1.3. Details of the supplier of the safety data sheet

Company identification : TRUCCSA  
P.I. Cabezo Beaza C/Budapest, parcela 42-43  
Apartado de Correos 2192  
30353 Cartagena (Murcia) Spain  
Telefono: +34 968 08 10 80  
FAX: +34 968 52 46 98  
truccsa@truccsa.com

### 1.4. Emergency telephone number

Phone nr : 34 968 08 10 80 [ Office hours ]

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification EC 67/548 or EC 1999/45

Classification : Xi; R36/38  
Xi; R43

#### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Skin irritation - Category 2 - Warning (CLP : Skin Irrit. 2) H315  
Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318  
Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1) H317

### 2.2. Label elements

#### Labelling EC 67/548 or EC 1999/45

Symbol(s)



Symbol(s)

: Xi : Irritant

R Phrase(s)

: R36/38 : Irritating to eyes and skin.  
R43 : May cause sensitization by skin contact.**TRUCCSA**

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## 2. Hazards identification (continued)

**S Phrase(s)** : S24/25 : Avoid contact with skin and eyes.  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37 : Wear suitable protective clothing and gloves.

### Labelling Regulation EC 1272/2008 (CLP)

#### Hazard pictograms



**Signal words** : Danger  
**Hazard statements** : H318 : Causes serious eye damage.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.

#### Precautionary statements

**• Prevention** : P280: Wear protective gloves, protective clothing, eye protection, face protection.  
P261: Avoid breathing dust, fume, gas, mist, vapours, spray.  
P264: Wash thoroughly after handling.

**• Response** : P302+P352: IF ON SKIN : Wash with plenty of soap and water.  
P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313: If skin irritation or rash occurs : Get medical advice.

### 2.3. Other hazards

**Other hazards** : Not established.

## 3. Composition/information on ingredients

**Substance / Preparation** : Preparation.  
**Hazardous component(s)** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Index No	REACH Ref.	Classification
Metilsilanotriolato de potasio	: Between 1 and 5 %	31795-24-1	250-807-9	-----	01-2119517439-34-XXXX	C; R35 ----- Skin Corr. 1A _ H314 Eye Dam 1 _ H318
A mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)	: < 0.1 %	55965-84-9	-----	613-167-00-5	----	T; R23/24/25 C; R34 R43 N; R50-53 ----- Acute Tox. 3 (skin) _ H311 Acute Tox. 3 (inhal) _ H331 Acute Tox. 3 (oral) _ H301 Skin Corr. 1B _ H314 Skin Sens. 1 _ H317 Aquatic Acute 1 _ H400 Aquatic Chronic 1 _ H410

## 4. First aid measures

### 4.1. Description of first aid measures

**Inhalation** : Assure fresh air breathing. Allow the victim to rest.  
**Skin contact** : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs : Get medical advice.

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## 4. First aid measures (continued)

- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
- Ingestion** : Rinse mouth. Do not induce vomiting. Seek medical advice.

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

- Symptoms relating to use** : Causes serious eye damage.  
Causes skin irritation.  
May cause an allergic skin reaction.

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

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

## 5. Fire-fighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

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

- Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

### 5.3. Advice for fire-fighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## 6. Accidental release measures

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

- For emergency responders** : Equip cleanup crew with proper protection.  
Ventilate area.
- For non-emergency personnel** : Evacuate unnecessary personnel.

### 6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

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## 6. Accidental release measures (continued)

**Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection

## 7. Handling and storage

### 7.1. Precautions for safe handling

**Handling** : Wash thoroughly after handling. Avoid breathing dust, fume, gas, mist, vapours, spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

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

**Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

**Specific end use(s)** : See section 1.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

**Occupational Exposure Limits** : Metilsilanotriolato de potasio : VLA-EC [mg/m<sup>3</sup>] : 10 ( Respirable fraction )

**On ingredients - DNEL/PNEC** :

- Metilsilanotriolato de potasio : DNEL : 10 mg/m<sup>3</sup> ( long-term, consumers, inhalation, systemic effects )
- Metilsilanotriolato de potasio : DNEL : 4.0 mg/kg/d ( long-term, consumers, dermal, systemic effects )
- Metilsilanotriolato de potasio : DNEL : 10 mg/m<sup>3</sup> ( short-term, consumers, inhalation, systemic effects )
- Metilsilanotriolato de potasio : DNEL : 0.42 mg/kg/d ( long-term, consumers, oral, systemic effects )
- Metilsilanotriolato de potasio : DNEL : 4.0 mg/kg/d ( short-term, consumers, dermal, systemic effects )
- Metilsilanotriolato de potasio : DNEL : 47 mg/m<sup>3</sup> ( )
- Metilsilanotriolato de potasio : DNEL : 47 mg/m<sup>3</sup> ( )
- Metilsilanotriolato de potasio : DNEL : 6.6 mg/kg/d ( short-term, workers, dermal, systemic effects )
- Metilsilanotriolato de potasio : DNEL : 6.6 mg/kg/d ( long-term, workers, dermal, systemic effects )
- Metilsilanotriolato de potasio : PNEC : 10 mg/L ( )
- Metilsilanotriolato de potasio : PNEC : 0,54 mg/L ( Soil. )
- Metilsilanotriolato de potasio : PNEC : 0,33 mg/L ( )
- Metilsilanotriolato de potasio : PNEC : 3,3 mg/L ( )
- Metilsilanotriolato de potasio : PNEC : 42 mg/L ( )

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## 8. Exposure controls/personal protection (continued)

- Metilsilanotriolato de potasio : PNEC : 0,42 mg/L ( Seawater )
- Metilsilanotriolato de potasio : PNEC : 4,2 mg/L ( Fresh water )
- Metilsilanotriolato de potasio : PNEC : 3,3 mg/kg ( )

### 8.2. Exposure controls

#### Personal protection



#### Personal protection

- Respiratory protection : Avoid all unnecessary exposure.
- Hand protection : Wear approved mask.
- Skin protection : Suitable protective clothing and gloves.
- Eye protection : Wear suitable protective clothing.
- Others : Chemical goggles or safety glasses.
- Others : When using, do not eat, drink or smoke.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state at 20 °C	: Liquid.
Colour	: Yellowish.
Odour	: Characteristic.
Odour threshold	: No data available.
pH value	: No data available.
Melting point [°C]	: No data available.
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Flash point [°C]	: No data available.
Evaporation rate	: No data available.
Flammability (solid, gas)	: Non flammable.
Explosion limits - lower [%]	: No data available.
Explosion limits - upper [%]	: No data available.
Vapour pressure [20°C]	: No data available.
Vapour density	: No data available.
Relative density, liquid (water=1)	: No data available.
Density [g/cm <sup>3</sup> ]	: No data available.
Solubility in water	: No data available.
Log P octanol / water at 20°C	: No data available.
Auto-ignition temperature [°C]	: No data available.

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## 9. Physical and chemical properties (continued)

Decomposition point [°C] : No data available.  
Viscosity : No data available.

### 9.2. Other information

Explosive properties : No data available.  
Oxidising properties : No data available.  
Acid/alkali reserve [g NaOH/100g] : No data available.  
Critical temperature [°C] : No data available.

## 10. Stability and reactivity

### 10.1. Reactivity

Reactivity : Not established.

### 10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

### 10.4. Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

#### Acute toxicity

- Inhalation : Based on available data, the classification criteria are not met.
- Dermal : Based on available data, the classification criteria are not met.
- Ingestion : Based on available data, the classification criteria are not met.

Corrosion : Causes serious eye damage.

Irritation : Causes skin irritation.

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## 11. Toxicological information (continued)

<b>Sensitization</b>	: May cause an allergic skin reaction.
<b>Mutagenicity</b>	: Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	: Based on available data, the classification criteria are not met.
<b>Toxic for reproduction</b>	: Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	: Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	: Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	: Based on available data, the classification criteria are not met.

## 12. Ecological information

### 12.1. Toxicity

**Toxicity information** : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

### 12.2. Persistence - degradability

**Persistence - degradability** : Not established.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** : Not established.

### 12.4. Mobility in soil

**Mobility in soil** : Not established.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** : The substance/mixture does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### 12.6. Other adverse effects

**Environmental precautions** : Avoid release to the environment.

## 13. Disposal considerations

### 13.1. Waste treatment methods

**General** : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.  
Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 14. Transport information

**General information** : Not classified. Product not considered dangerous good.

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## 15. Regulatory information

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

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

### 15.2. Chemical Safety Assessment

**Chemical Safety Assessment** : It has not been carried out.

## 16. Other information

**Revision** : Revision - See : \*

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.  
vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**List of relevant R phrases (heading 3)** : R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.  
R34 : Causes burns.  
R35 : Causes severe burns.  
R43 : May cause sensitization by skin contact.  
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**List of full text of H-statements in section 3** : H301 : Toxic if swallowed.  
H311 : Toxic in contact with skin.  
H314 : Causes severe skin burns and eye damage.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H331 : Toxic if inhaled.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

**Further information** : None.

The contents and format of this SDS are in accordance with REACH Regulation (CE) N° 1907/2006 and the european agreement concerning the international carriage of dangerous goods by road (ADR).

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