



## Safety Data Sheet

### 9.CCC701 - 9.CCC701T/2

Safety Data Sheet dated 21/1/2016, version 1

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

1.1. Product identifier

Mixture identification:

Trade name: 9.CCC701 - 9.CCC701T/2

Trade code: C701

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

Recommended use:

Car care product. Professional use.

Uses advised against:

All not indicated in the suggested uses.

1.3. Details of the supplier of the safety data sheet

Company:

RUPES SPA - Via Marconi 3A, 20080, Vermezzo (MI) – Italy

RUPES SPA - Telefono n°+3902946941

Competent person responsible for the safety data sheet:

info\_rupes@rupes.it

1.4. Emergency telephone number

For United States, Canada Puerto Rico and Virgin Island: 1-800-255-3924

For China: 400-120-0751

For Brazil: 0-800-591-6042

For India: 000-800-100-4086

For Mexico: 01-800-099-0731


For Europe and all the other countries: 001-813-248-0585

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#### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 Warning, Acute Tox. 4, Harmful if swallowed.

 Warning, Skin Sens. 1, May cause an allergic skin reaction.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning



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#### Hazard statements:

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

#### Precautionary statements:

P102 Keep out of reach of children.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P501 Dispose of contents/container to ...

#### Special Provisions:

EUH210 Safety data sheet available on request.

#### Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

#### Other Hazards:

No other hazards






## SECTION 3: Composition/information on ingredients

#### 3.1. Substances

N.A.

#### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 20% - < 25%	sodium mercaptoacetate solution	CAS: 367-51-1 REACH No.: 01-21199685 64-24xxxx	 3.1/4/Oral Acute Tox. 4 H302
			 3.1/4/Dermal Acute Tox. 4 H312
			 3.4.2/1 Skin Sens. 1 H317
>1% - < 3%	Fatty alcohol sulfate	CAS: 126-92-1	 3.3/1 Eye Dam. 1 H318
			 3.2/2 Skin Irrit. 2 H315

## SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

##### In case of eyes contact:



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- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of Ingestion:  
Give nothing to eat or drink.
- In case of Inhalation:  
Remove casualty to fresh air and keep warm and at rest.
- 4.2. Most important symptoms and effects, both acute and delayed  
None
- 4.3. Indication of any immediate medical attention and special treatment needed  
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).  
Treatment:  
None

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#### SECTION 5: Firefighting measures

- 5.1. Extinguishing media  
Suitable extinguishing media:  
Water.  
Carbon dioxide (CO<sub>2</sub>).  
Extinguishing media which must not be used for safety reasons:  
None in particular.
- 5.2. Special hazards arising from the substance or mixture  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.
- 5.3. Advice for firefighters  
Use suitable breathing apparatus .  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

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#### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures  
Wear personal protection equipment.  
Remove all sources of ignition.  
Remove persons to safety.  
See protective measures under point 7 and 8.
- 6.2. Environmental precautions  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up  
Wash with plenty of water.
- 6.4. Reference to other sections  
See also section 8 and 13



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#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

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

Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place away from: direct sunlight, heat and ignition sources

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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

Car care product. Professional use.

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#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

##### 8.2. Exposure controls

Eye protection:

Wear eye/face protection

Protection for skin:

Wear suitable protective clothing

Protection for hands:

When handling with chemical substances, protective gloves must be worn with the CE-Label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances

Respiratory protection:

In case of inadequate ventilation wear respiratory protection

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:



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None

#### SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Appearance and colour:	Pink liquid	--	--
Odour:	characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	7-8	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	100 ° C	--	--
Flash point:	N.A.	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.11-1.12 g/cm <sup>3</sup>	--	--
Solubility in water:	easily soluble	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	13-20 s	--	at 20°C
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

##### 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--



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#### SECTION 10: Stability and reactivity

- 10.1. Reactivity  
No dangerous reactions known
- 10.2. Chemical stability  
stable under normal conditions
- 10.3. Possibility of hazardous reactions  
No dangerous reactions known
- 10.4. Conditions to avoid  
Direct sunlight. Extremely high or low temperatures
- 10.5. Incompatible materials  
strong oxidizing agents
- 10.6. Hazardous decomposition products  
None.

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#### SECTION 11: Toxicological information

- 11.1. Information on toxicological effects  
Toxicological information of the mixture:  
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  - a) acute toxicity:  
Test: ATE - Route: Skin = 1429 mg/kg  
Test: ATE - Route: Skin > 5000 mg/kg
- Toxicological information of the main substances found in the mixture:  
sodium mercaptoacetate solution - CAS: 367-51-1
  - a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 200-500 mg/kg - Notes: OECD 423 conc 46%  
Test: LD50 - Route: Skin - Species: Rat = 1000-2000 mg/kg - Notes: OECD 402 conc 98%
- Fatty alcohol sulfate - CAS: 126-92-1
  - a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Serious eye damage/irritation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Values relevant for classification:

126-92-1 sodium etasulfate:

Specific concentration limits [SCL] (ECHA)

>= 10.0% < 20.0% Eye Irrit. I 2 >= 20.0% Eye Damage 1

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;



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- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

sodium mercaptoacetate solution - CAS: 367-51-1

#### a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 38 mg/l - Duration h: 48 - Notes: 84/449EWG (subs thioglycolic acid)

Endpoint: EC50 - Species: Pseudokirchneriella subcapitata = 13 mg/l - Duration h: 72 - Notes: OECD 201 (subs thioglycolic acid)

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: OECD 201 (subs thioglycolic acid)

Endpoint: LC50 - Species: Fish = 880 mg/l - Duration h: 48 - Notes: DIN38412 (subs thioglycolic acid)

Fatty alcohol sulfate - CAS: 126-92-1

#### a) Aquatic acute toxicity:

Endpoint: EC0 - Species: bacteria > 100 mg/l

Endpoint: LC50 - Species: Fish > 100 mg/l

### 12.2. Persistence and degradability

sodium mercaptoacetate solution - CAS: 367-51-1

Biodegradability: Readily biodegradable - Test: biodegradation - Duration h: 28d - %: 67 - Notes: OECD 301d (thioglycolic acid)

Fatty alcohol sulfate - CAS: 126-92-1

Biodegradability: Persistent and Biodegradable - Test: biodegradation - Duration h: N.A. - %: 60 - Notes: BSB/CSB (OECD301)

### 12.3. Bioaccumulative potential

sodium mercaptoacetate solution - CAS: 367-51-1

Bioaccumulative - Test: log POW -2.99 - Duration h: N.A. - Notes: OECD 107 (thioglycolic acid)

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

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## SECTION 13: Disposal considerations



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#### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## SECTION 14: Transport information

#### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

#### 14.2. UN proper shipping name

N.A.

#### 14.3. Transport hazard class(es)

N.A.

#### 14.4. Packing group

N.A.

#### 14.5. Environmental hazards

N.A.

#### 14.6. Special precautions for user

N.A.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

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## SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)





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Provisions related to directive EU 2012/18 (Seveso III):

N.A.

15.2. Chemical safety assessment

No

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#### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H315 Causes skin irritation.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.



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LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.