

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

1.1. Product identifier

Product code : SHAMPOO CERA
Trades code : 0281

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

Detergent
Sectors of use:
Industrial Manufacturing[SU3], Public domain[SU22]
Product category:
Automotive Care Products

Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Ci.Elle.Gi. - Via T. Nutricati, 14 - 73100 Lecce (Le) Tel./Fax 0832/398328

Email: ciellegi2@virgilio.it - Sito internet: www.ciellegi.eu

Email tecnico competente: laboratoriociellegi@virgilio.it

Produced by :
Ci.Elle.Gi. di De Pascalis Giancarlo
Via T.Nutricati, 14
73100 Lecce

1.4. Emergency telephone number

Centro Antiveneni Ospedale Niguarda (MI) - 0266101029 24 ore su 24

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS05, GHS07

Hazard Class and Category Code(s):
Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1

Hazard statement Code(s):
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

The product, if brought into contact with skin can cause skin sensitization.
If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:



Pictogram, Signal Word Code(s):
GHS05, GHS07 - Danger

Hazard statement Code(s):
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

Supplemental Hazard statement Code(s):
not applicable

Precautionary statements:

Prevention

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

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

Response

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

P310 - Immediately call a POISON CENTER/doctor/...

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

Disposal

P501 - Dispose of contents/container to ...

Contains:

Acido solfonico di benzene, derivati 4-C10-13-sec-alchilic, reaction mass of:

5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1);, SODIOALCHILETERE SOLFATO

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

The use of this chemical agent involves the obligation of "risk assessment" by the employer in accordance with the provisions of Legislative Decree n. 81 April 9, 2008. Workers exposed to this chemical agent should not be subject to health surveillance if the results of the risk assessment show that, depending on the type and amount of hazardous chemical agent and the method and frequency of exposure to the agent, you only a "moderate risk" for the health and safety of workers and that the measures envisaged in the same legislative decree are sufficient to reduce the risk.

For professional use only

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrelevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
SODIOALCHILETERE SOLFATO	> 1 <= 5%	Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412		68585-34-2		
Acido solfonico di benzene, derivati 4-C10-13-sec-alchilic	> 1 <= 5%	Acute Tox. 4, H302; Skin Corr. 1A, H314; Aquatic Chronic 3, H412		85536-14-7	287-494-3	01-2119490 234-40
2,2',2"-nitrilotriethanol	> 0,1 <= 1%			102-71-6	203-049-8	01-2119486 428-31-xxxx
sodium hydroxide	> 0,1 <= 1%	Skin Corr. 1A, H314	011-002-00-6	1310-73-2	215-185-5	
diethanolamine	<= 0,1%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT RE 2, H373	603-071-00-1	111-42-2	203-868-0	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1);	<= 0,1%	Acute Tox. 3, H301; Acute Tox. 3, H311; Skin Corr. 1B, H314; Skin Sens. 1, H317; Acute Tox. 3, H331; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	613-167-00-5	55965-84-9		
Geraniol	<= 0,1%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318; Eye Irrit. 2, H319; STOT SE 3, H335		106-24-1		

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

If skin irritation occurs: Get medical advice/attention.
Immediately call a POISON CENTER/doctor/...

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:
Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:
Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus
Safety helmet and full protective suit.
The spray water can be used to protect the people involved in the extinction
You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)
Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:
Leave the area surrounding the spill or release. Do not smoke
Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:
Wear mask, gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

Nothing in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
In residential areas do not use on large surfaces.
At work do not eat or drink.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Industrial Manufacturing:
Handle with extreme caution.
Store in a well ventilated place away from heat sources.

Public domain:
Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:
2,2',2''-nitrioltriethanol:
TWA: 5 from ACGIH (TLV) [United States] [2001]

sodio idrossido
**** Not translated ****

diethanolamine:
TLV: 2 mg/m³ (skin) (ACGIH 2002).
MAK: cancerogenicit class: Class 3A; Sh, H (2002)

- Substance: sodium hydroxide
DNEL
Systemic effects Long term Workers inhalation = 2,5 (mg/m³)
Systemic effects Long term Consumers inhalation = 1,5 (mg/m³)
Systemic effects Short term Consumers inhalation = 1,5 (mg/m³)
Systemic effects Short term Consumers oral = 25 (mg/kg bw/day)
Local effects Long term Workers inhalation = 2,5
PNEC
Sweet water = 2,2 (mg/l)
Sea water = 0,22 (mg/l)
intermittent emissions = 1,2 (mg/l)
STP = 43 (mg/l)
ground = 0,72 (mg/kg ground)

8.2. Exposure controls



Appropriate engineering controls:
Industrial Manufacturing:
No specific monitoring foreseen

Public domain:
No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection
When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection
When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other
When handling the pure product wear full protective skin clothing.

(c) Respiratory protection
Not needed for normal use.

(d) Thermal hazards
No hazard to report

Environmental exposure controls:
Related to contained substances:
diethanolamine:
Do not let this chemical contaminates the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	thick liquid	
Odour	lemon	
Odour threshold	not determined	
pH	7	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	not determined	
Flash point	not determined	
Evaporation rate	not determined	
Flammability (solid, gas)	not determined	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	not determined	
Vapour density	not determined	
Relative density	not determined	
Solubility(ies)	completely soluble in water	
Water solubility	in water	
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not determined	
Oxidising properties	non-oxidizing	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents. It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 22.222,2 mg/kg
ATE(mix) dermal = ∞
ATE(mix) inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
- (d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met
- (f) carcinogenicity: based on available data, the classification criteria are not met
- (g) reproductive toxicity: based on available data, the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met

Related to contained substances:

2,2',2''-nitrotriethanol:

LC50/inhalation: IRT (Inhalation risk test): inhalation of steam-air mixture highly saturated is not an acute risk (no mortality within 8 hours)

Primary skin irritation: not irritating

Rabbit: non-irritant

Sensitization. Does not have sensitizing action

Experiences in humans: aerosols in respirable form: possible irritation of the Airways with NITROSATING agents (e.g. nitrite, nitrogen oxides) can be formed, under certain conditions, of nitrosamines.

LD50 (rat) Oral (mg/kg body weight) = 5100

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2100

sodium hydroxide:

Routes of exposure: the substance can be absorbed into the body by inhalation of its aerosol e per ingestione.

INHALATION RISK: evaporation at 20 C is negligible; a harmful concentration of particles however pu aereodisperse be reached quickly.

Effects Of Short-term Exposure: Corrosive. The substance is verycorrosiva to the eyes, skin and respiratory tract. Corrosive if swallowed. Aerosol inhalation of the substance can cause pulmonary edema (see notes).

Effects of long-term or repeated: repeated or prolonged Contact with skin may cause dermatitis.

Acute hazards/symptoms INHALATION AS corrosive. Burning sensation. Sore throat. Cough. Respiratory difficulties.

Shortness of breath. Symptoms may be delayed (see notes).

SKIN Corrosive. Redness. Pain. Severe skin burns. Blisters.

Corrosive EYES. Redness. Pain. Blurred vision. Severe deep burns.

SWALLOWING Corrosive. Burning sensation. Abdominal pain. Shock or collapse.

N O T E exposure limit value must not be exceeded in any moment of occupational exposure. Symptoms of lung oedema often do not occur before a few hours and are aggravated by physical effort. Are therefore essential rest and medical observation.

diethanolamine:

Routes of exposure: the substance can be absorbed into the body by inhalation of its vapour and by ingestion.

INHALATION RISK: A dangerous contamination of the air will not be reached or the sar only very slowly through evaporation of the substance at 20 C.

Effects of short-term exposure: the substance is corrosive to the eyes.

Effects of long-term or repeated: repeated or prolonged Contact may cause skin sensitization. The substance can have effect on liver kidney acute hazards/symptoms **EYES** Reddening. Pain. Severe deep burns.

SWALLOWED, abdominal pain. Burning sensation.

NOTE do not take home work clothes.

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:

2,2',2''-nitrilotriethanol:

Toxicity fishes: *Lepomis macrochirus*/Lc50 (96 h): 450-1000 mg/l

Aquatic invertebrates: *Daphnia magna*/EC50 (12:00 am): 1390 mg/l

Aquatic plants: *Scenedesmus subspicatus*/EC50 (72 h): 216 mg/l

sodium hydroxide:

This substance can be dangerous for the environment; Special attention must be paid to aquatic organisms.

Use according to good working practices, avoiding release of the product in the environment.

Lc100 *Leuciscus idus* Fish *melanotus* 213mg/L, 48 h, Juhnke et al. (1978), *Wasser Abwasser Forsch Z*, 11, 161-164 LC50 fish *Leuciscus idus melanotus* 189mg/L, 48 h, Juhnke et al. (1978), *Wasser Abwasser Forsch Z*, 11, 161-164

diethanolamine:

The substance is harmful to aquatic organisms.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

Related to contained substances:

2,2',2''-nitrilotriethanol:

Disposal considerations: test method: OECD 301 E; 84/449/EEC, c. 3

method of analysis: DOC reduction. Degree of elimination: greater than 90%. Evaluation: readily biodegradable

Microorganisms/effects on activated sludge: with proper placing of small concentrations in biological purification plants adapted, are not predictable gripes for the degradation activity of activated sludge.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

The surfactant formulated in accordance with the criteria set out in Regulation (EC) biodegradabilit/648/2004 on detergents. All supporting data shall be kept available to the competent authorities of the Member States and will be provided, at their explicit request or at the request of a manufacturer of the formulation, the above authority.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information

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

No data available.

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H412 = Harmful to aquatic life with long lasting effects.

H302 = Harmful if swallowed.

H314 = Causes severe skin burns and eye damage.

H373 = May cause damage to organs through prolonged or repeated exposure .

H301 = Toxic if swallowed.

H311 = Toxic in contact with skin.

H317 = May cause an allergic skin reaction.

H331 = Toxic if inhaled.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

H319 = Causes serious eye irritation.

H335 = May cause respiratory irritation.

Classification based on data of all mixture components

GENERAL BIBLIOGRAPHY:

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2015/830 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous