# Safety Data Sheet
# Carnauba high gloss protective shampoo

## Safety Data Sheet dated 19/6/2023, version 3

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

1.1. Product identifier

Mixture identification:

Trade name: Carnauba high gloss protective shampoo

Trade code: 9.CCM707

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

Recommended use:

Detergent

Professional use only

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 - Loc. Vermezzo 20071 Vermezzo con Zelo (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

## SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Warning, Eye Irrit. 2, Causes serious eye irritation.

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

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Warning

Hazard statements:

H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves and eye protection.
P302+P352 IF ON SKIN: Wash with plenty of 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/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

2-methyl-2H-isothiazol-3-one

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

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

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 |
|---|---|---|---|
| >= 5% - < 10% | isotridecanol,ethoxylated | CAS: 69011-36-5<br>EC: 931-138-8 | 3.3/1 Eye Dam. 1 H318<br>3.1/4/Oral Acute Tox. 4 H302<br>Specific Concentration Limits:<br>C >= 10%: Eye Dam. 1 H318<br>1% <= C < 10%: Eye Irrit. 2 H319 |
| >= 2% - < 5% | Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized | EC: 931-216-1 | 3.2/2 Skin Irrit. 2 H315<br>3.3/2 Eye Irrit. 2 H319<br>Specific Concentration Limits:<br>C >= 28%: Skin Irrit. 2 H315<br>C >= 28%: Eye Irrit. 2 H319 |
| >= 2% - < 5% | Phenol polyethoxilate | CAS: 9004-78-8 | 3.1/4/Oral Acute Tox. 4 H302<br>3.3/2 Eye Irrit. 2 H319 |
| >= 1% - < 2% | oxydipropanol | CAS: 25265-71-8 | The product is not classified as dangerous according to Regulation |

| | | | |
|---|---|---|---|
| | | | EC 1272/2008 (CLP). |
| >= 0.1% - < 1% | Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides | CAS: 308062-28-4<br>EC: 931-292-6<br>REACH No.: 01-21194900 61-47 |  3.3/1 Eye Dam. 1 H318<br>  4.1/A1 Aquatic Acute 1 H400<br>  4.1/C2 Aquatic Chronic 2 H411<br>  3.1/4/Oral Acute Tox. 4 H302<br>  3.2/2 Skin Irrit. 2 H315 |
| 99 ppm | 2-methyl-2H-isothiazol-3-one | CAS: 2682-20-4<br>EC: 220-239-6<br>REACH No.: 01-21207646 90-50 |  3.1/2/Inhal Acute Tox. 2 H330<br>  3.1/3/Dermal Acute Tox. 3 H311<br>  3.1/3/Oral Acute Tox. 3 H301<br>  3.2/1B Skin Corr. 1B H314<br>  3.3/1 Eye Dam. 1 H318<br>  3.4.2/1A Skin Sens. 1A H317<br>  4.1/A1 Aquatic Acute 1 H400<br>  4.1/C1 Aquatic Chronic 1 H410<br>Specific Concentration Limits:<br>C >= 0,0015%: Skin Sens. 1A H317 |
| 90 ppm | Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione | Index number: 613-344-00-7<br>CAS: 3811-73-2<br>EC: 223-296-5 |  3.1/3/Inhal Acute Tox. 3 H331<br>  3.1/3/Dermal Acute Tox. 3 H311<br>  3.1/4/Oral Acute Tox. 4 H302<br>  3.9/1 STOT RE 1 H372<br>  3.2/2 Skin Irrit. 2 H315<br>  3.3/2 Eye Irrit. 2 H319<br>  3.4.2/1 Skin Sens. 1 H317<br>  4.1/A1 Aquatic Acute 1 H400 M=100.<br>  4.1/C2 Aquatic Chronic 2 H411<br>EUH070<br>Acute Toxicity Estimate:<br>ATE - Oral 500 mg/kg bw<br>ATE - Dermal 790 mg/kg bw<br>ATE - Inhalation (Dust/mist) 0,5 mg/l |

## 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 immediatley and dispose off safely.
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

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

## SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Water.
Carbon dioxide (CO2).
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.

## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
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

## 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.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

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)

Detergent
Professional use only

## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

oxydipropanol - CAS: 25265-71-8

Consumer: 24 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4

Consumer: 0.44 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 11 mg/kg bw/day - Consumer: 5.5 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 0.27 in mix./weight - Exposure: Human Dermal - Frequency: Long Term, local effects
Worker Professional: 15.5 mg/m3 - Consumer: 3.8 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4
Target: STP - Value: 24 mg/kg
Target: Freshwater sediments - Value: 5.24 mg/kg
Target: Marine water sediments - Value: 0.524 mg/kg
Target: Soil (agricultural) - Value: 1.02 mg/kg
Target: Fresh Water - Value: 0.0335 mg/l
Target: Marine water - Value: 0.00335 mg/l

8.2. Exposure controls

Eye protection:
Wear eye/face protection

Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:
Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:
Not needed for normal use.

Thermal Hazards:
None

Environmental exposure controls:
None

Appropriate engineering controls:
None

## SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Properties | Value | Method: | Notes |
|---|---|---|---|
| Physical state: | Liquid | -- | -- |
| Colour: | Beige | -- | -- |
| Odour: | characteristic | -- | -- |
| Melting point/freezing point: | N.A. | -- | -- |
| Boiling point or initial boiling point and boiling range: | 100-228 ° C | -- | -- |
| Flammability: | Non-flammable | -- | -- |
| Lower and upper explosion limit: | N.A. | -- | -- |
| Flash point: | N.A. | -- | -- |
| Auto-ignition temperature: | N.A. | -- | -- |
| Decomposition temperature: | N.A. | -- | -- |
| pH: | 6.5 | -- | -- |
| Kinematic viscosity: | <20.5 | -- | -- |
| Solubility in water: | totally soluble | -- | -- |
| Solubility in oil: | N.A. | -- | -- |
| Partition coefficient n-octanol/water (log value): | N.A. | -- | -- |
| Vapour pressure: | N.A. | -- | -- |
| Density and/or relative density: | 1.00-1.02 g/cm3 | -- | -- |
| Relative vapour density: | N.A. | -- | -- |

Particle characteristics:

| | | | |
|---|---|---|---|
| Particle size: | N.A. | -- | -- |

9.2. Other information

| Properties | Value | Method: | Notes |
|---|---|---|---|
| Flammable liquids: | The product does not sustain combustion | -- | -- |
| Viscosity: | <20.5 mm²/s | -- | -- |

## 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
None in particular.
10.6. Hazardous decomposition products
None.

## SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicological information of the product:
N.A.
Toxicological information of the main substances found in the product:
isotridecanol,ethoxylated - CAS: 69011-36-5
a) acute toxicity:
Test: ATE - Route: Oral - Species: Rat = 500 mg/kg
Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg
Phenol polyethoxilate - CAS: 9004-78-8
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 500-2000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 2140 mg/kg
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 1064 mg/kg
Pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione - CAS: 3811-73-2
a) acute toxicity:
ATE - Oral 500 mg/kg bw
ATE - Dermal 790 mg/kg bw
ATE - Inhalation (Dust/mist) 0,5 mg/l

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

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

11.2. Information on other hazards

Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

## SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 4.8 mg/l - Duration h: 96
Phenol polyethoxilate - CAS: 9004-78-8
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia > 128 mg/kg - Notes: OECD202
Endpoint: LC50 - Species: Fish > 100 mg/kg - Notes: OECD202
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4
a) Aquatic acute toxicity:
Endpoint: IC50 - Species: Algae = 0.143 mg/l
Endpoint: LC50 - Species: Fish = 2.67 mg/l - Duration h: 96
Endpoint: NOEC - Species: Algae = 0.067 mg/l

12.2. Persistence and degradability

Carnauba high gloss protective shampoo
Test: OECD 311 - %: 40-50 - Notes: Phenol Polyethoxilate

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

None

## SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Additional disposal information:

Dispose in a safe manner in accordance with local/national regulations

## SECTION 14: Transport information

14.1. UN number or ID 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. Maritime transport in bulk according to IMO instruments

N.A.

## 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) n. 2020/878
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)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 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:
Restriction 75
Where applicable, refer to the following regulatory provisions :
Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
None

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

## SECTION 16: Other information

Full text of phrases referred to in Section 3:
H318 Causes serious eye damage.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H330 Fatal if inhaled.
H311 Toxic in contact with skin.
H301 Toxic if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.
H331 Toxic if inhaled.
H372 Causes damage to organs (nervous system) through prolonged or repeated exposure.
EUH070 Toxic by eye contact.

| Hazard class and hazard category | Code | Description |
|---|---|---|
| Acute Tox. 2 | 3.1/2/Inhal | Acute toxicity (inhalation), Category 2 |
| Acute Tox. 3 | 3.1/3/Dermal | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 | 3.1/3/Inhal | Acute toxicity (inhalation), Category 3 |
| Acute Tox. 3 | 3.1/3/Oral | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 | 3.1/4/Oral | Acute toxicity (oral), Category 4 |
| Skin Corr. 1B | 3.2/1B | Skin corrosion, Category 1B |
| Skin Irrit. 2 | 3.2/2 | Skin irritation, Category 2 |
| Eye Dam. 1 | 3.3/1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | 3.3/2 | Eye irritation, Category 2 |
| Skin Sens. 1 | 3.4.2/1 | Skin Sensitisation, Category 1 |
| Skin Sens. 1A | 3.4.2/1A | Skin Sensitisation, Category 1A |

| | | |
|---|---|---|
| STOT RE 1 | 3.9/1 | Specific target organ toxicity - repeated exposure, Category 1 |
| Aquatic Acute 1 | 4.1/A1 | Acute aquatic hazard, category 1 |
| Aquatic Chronic 1 | 4.1/C1 | Chronic (long term) aquatic hazard, category 1 |
| Aquatic Chronic 2 | 4.1/C2 | Chronic (long term) aquatic hazard, category 2 |

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| **Classification according to Regulation (EC) Nr. 1272/2008** | **Classification procedure** |
|---|---|
| Eye Irrit. 2, H319 | Calculation method |
| Skin Sens. 1A, H317 | Calculation method |

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. |
| ATE: | Acute Toxicity Estimate |
| ATEmix: | Acute toxicity Estimate (Mixtures) |
| 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. |

| | |
|---|---|
| LD50: | Lethal dose, for 50 percent of test population. |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| TLV: | Threshold Limiting Value. |
| TWA: | Time-weighted average |
| WGK: | German Water Hazard Class. |