

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 01.04.2022

Version number 3 (replaces version 2)

Revision: 01.04.2022

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

- **1.1 Product identifier**
- Trade name: **DAYTONA**
- UFI: T0T0-70FW-900P-52HJ
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Life cycle stages
  - C Consumer use
  - PW Widespread use by professional workers
- Sector of Use
  - SU21 Consumer uses: Private households / general public / consumers
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC35 Washing and cleaning products (including solvent based products)
- Application of the substance / the mixture Car shampoo
- **1.3 Details of the supplier of the safety data sheet**
- Manufacturer/Supplier:
  - MA-FRA S.p.A. a Socio Unico
  - Via Aquileia, 44/46
  - 20021 Baranzate (MI) ITALIA
  - Tel. +39 023569981
  - [www.mafra.com](http://www.mafra.com)
  - [mafra@mafra.it](mailto:mafra@mafra.it)
- Informing department:
  - E-mail: [lab@mafra.it](mailto:lab@mafra.it)
  - [info@mafra.it](mailto:info@mafra.it)
- **1.4 Emergency telephone number:** In case of accident call the emergency number 112

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008



Eye Irrit. 2 H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008
  - The product is classified and labelled according to the CLP regulation.
- Hazard pictograms



GHS07

- Signal word Warning
- Hazard statements
  - H319 Causes serious eye irritation.
  - H412 Harmful to aquatic life with long lasting effects.

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**- Precautionary statements**

P102 Keep out of reach of children.

P273 Avoid release to the environment.

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.

**- Additional information:**

EUH208 Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

**- 2.3 Other hazards****- Results of PBT and vPvB assessment****- PBT:** Not applicable.**- vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****- 3.2 Mixtures****- Description:** Mixture of substances**- Dangerous components:**

CAS: 1554325-20-0 EC number: 810-152-7	Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride ☞ Eye Dam. 1, H318; ☞ Acute Tox. 4, H302; Skin Irrit. 2, H315	1-<3%
CAS: 147170-44-3 EC number: 931-333-8 Reg.nr.: 01-2119489410-39	Cocamidopropyl Betaine ☞ Eye Dam. 1, H318; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 4 % ≤ C < 10 %	1-<3%
CAS: 25307-17-9 EINECS: 246-807-3 Reg.nr.: 01-2119510876-35	2,2'-(octadec-9-enylimino)bisethanol ☞ Skin Corr. 1A, H314; ☞ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ☞ Acute Tox. 4, H302	<1%
CAS: 3811-73-2 EINECS: 223-296-5	Sodium pyrrithione ☞ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=10); ☞ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<0.05%
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazolin-3-one ☞ Eye Dam. 1, H318; ☞ Aquatic Acute 1, H400; ☞ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%

**- Regulation (EC) No 648/2004**

cationic surfactants, amphoteric surfactants, non-ionic surfactants, EDTA and salts thereof, perfumes

&lt;5%

preservation agents (Sodium pyrrithione, BENZISOTHIAZOLINONE)

**- Additional information** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****- 4.1 Description of first aid measures****- General information** No special measures required.**- After inhalation** Supply fresh air; consult doctor in case of symptoms.**- After skin contact** The product is not skin irritating.**- After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.**- After swallowing** Rinse out mouth and then drink plenty of water.**- 4.2 Most important symptoms and effects, both acute and delayed**

Sickness

No further relevant information available.

**- 4.3 Indication of any immediate medical attention and special treatment needed**

If swallowed, gastric irrigation

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Medical supervision for at least 48 hours

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**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**  
Can be released in case of fire  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Protection means for respiratory tract
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Product forms slippery surface when combined with water.  
Protective gloves. (EN 374)
- **For non-emergency personnel**  
Ensure adequate ventilation  
Keep away from ignition sources  
Wear protective clothing.
- **For emergency responders**  
Recommended thickness of the material:  $\geq 0.1$  mm  
PVC gloves  
Nitrile rubber, NBR
- **6.2 Environmental precautions:**  
Inform respective authorities in case product reaches water or sewage system.  
Dilute with much water.  
Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Ensure adequate ventilation.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
No special precautions necessary if used correctly.  
Take off immediately all contaminated clothing  
Wash hands during breaks and at the end of the work.  
Do not eat, drink or smoke while working.
- **Information about protection against explosions and fires:** Protect from heat.

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- 7.2 Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and containers: Store only in the original container.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Class according to regulation on inflammable liquids: Void
- 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Components with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### - DNELs

#### 147170-44-3 Cocamidopropyl Betaine

Oral	Systemic Long-term Effects	7.5 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	12.5 mg/Kg bw/day (Industrial Workers)
		7.5 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	44 mg/m <sup>3</sup> (Industrial Workers)
		13.4 mg/m <sup>3</sup> (Consumers)

#### 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	Systemic Long-term Effects	25 mg/Kg bw/day (Consumers)
Inhalative	Local long-term effects	1.5 mg/m <sup>3</sup> (Industrial Workers)
		0.6 mg/m <sup>3</sup> (Consumers)
	Local short-term effects	3 mg/m <sup>3</sup> (Industrial Workers)
		1.2 mg/m <sup>3</sup> (Consumers)
	Systemic long-term effects	1.5 mg/m <sup>3</sup> (Industrial Workers)
		0.6 mg/m <sup>3</sup> (Consumers)
	Systemic Short-term Effects	2.5 mg/m <sup>3</sup> (Industrial Workers)
		1.5 mg/m <sup>3</sup> (Consumers)

### - PNECs

#### 147170-44-3 Cocamidopropyl Betaine

PNEC STP	3,000 mg/L (STP)
Soil	0.8 mg/Kg (Soil)
Soft Water	0.013 mg/L (Water)
Sea water	0.001 mg/L (Water)
Sediment (soft water)	14.8 mg/Kg (Water)
Sediment (sea water)	1.48 mg/Kg (Soil)

#### 64-02-8 tetrasodium ethylenediaminetetraacetate

PNEC STP	43 mg/L (STP)
Soil	0.72 mg/Kg (Soil)
Soft Water	2.2 mg/L (Water)
Sea water	0.22 mg/L (Water)
Occasional Emission	1.2 mg/L (Water)

#### 8051-30-7 Coco Diethanolamide

PNEC STP	830 mg/L (STP)
Soil	0.0189 mg/Kg (Soil)

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Soft Water	0.007 mg/L (Water)
Sea water	0.0007 mg/L (Water)
<b>25307-17-9 2,2'-(octadec-9-enylimino)bisethanol</b>	
Soil	mg/Kg (Soil)
Sediment (soft water)	mg/Kg (Soil)
Sediment (sea water)	mg/Kg (Soil)

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see item 7.

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures**

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

Keep away from foodstuffs, beverages and food.

- **Breathing equipment:** Not required.

- **Hand protection**



Protective gloves. (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Recommended thickness of the material:  $\geq 0.1$  mm

PVC gloves

Nitrile rubber, NBR

- **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 15 minutes (Permeation according to EN 16523-1:2015: Level 1).

- **Eye/face protection**



Safety glasses recommended during refilling.

- **Environmental exposure controls** Disposal must be made according to official regulations.

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Fluid

- **Colour:**

Blue

- **Odour:**

Pleasant

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

Not determined

- **Boiling point or initial boiling point and boiling range**

100 °C

- **Flammability**

Not applicable.

- **Lower and upper explosion limit**

- **Lower:**

Not determined.

- **Upper:**

Not determined.

- **Flash point:**

Not applicable

- **Self-inflammability:**

Product is not selfigniting.

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- <b>Decomposition temperature:</b>	Not determined.
- <b>pH at 20 °C</b>	7.5
- <b>Viscosity:</b>	
- <b>Kinematic viscosity</b>	Not determined.
- <b>dynamic:</b>	Not determined.
- <b>Solubility</b>	
- <b>Water:</b>	Fully miscible
- <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
- <b>Vapour pressure at 20 °C:</b>	23 hPa
- <b>Density and/or relative density</b>	
- <b>Density at 20 °C</b>	1.01 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapour density</b>	Not determined.

**- 9.2 Other information**

- <b>Appearance:</b>	
- <b>Form:</b>	Fluid
- <b>Important information on protection of health and environment, and on safety.</b>	
- <b>Explosive properties:</b>	Product is not explosive.
- <b>Change in condition</b>	
- <b>Evaporation rate</b>	Not determined.

**- Information with regard to physical hazard classes**

- <b>Explosives</b>	Void
- <b>Flammable gases</b>	Void
- <b>Aerosols</b>	Void
- <b>Oxidising gases</b>	Void
- <b>Gases under pressure</b>	Void
- <b>Flammable liquids</b>	Void
- <b>Flammable solids</b>	Void
- <b>Self-reactive substances and mixtures</b>	Void
- <b>Pyrophoric liquids</b>	Void
- <b>Pyrophoric solids</b>	Void
- <b>Self-heating substances and mixtures</b>	Void
- <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
- <b>Oxidising liquids</b>	Void
- <b>Oxidising solids</b>	Void
- <b>Organic peroxides</b>	Void
- <b>Corrosive to metals</b>	Void
- <b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** Stable under normal conditions
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

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### SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- Acute toxicity

- LD/LC50 values that are relevant for classification:

**1554325-20-0 Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride**

Oral LD50 833 mg/Kg (Rat)

**147170-44-3 Cocamidopropyl Betaine**

Oral LD50 2,335 mg/Kg (Rat)

**78330-20-8 Ethoxy Alcohol C9-C11**

Oral LD50 300-2,000 mg/Kg (Rat)

**64-02-8 tetrasodium ethylenediaminetetraacetate**

Oral LD50 1,780 mg/Kg (Rat)

**8051-30-7 Coco Diethanolamide**

Oral LD50 &gt;5,000 mg/Kg (Rat)

Dermal LD50 &gt;2,000 mg/Kg (Rabbit)

**25307-17-9 2,2'-(octadec-9-enylimino)bisethanol**

Oral LD50 300-2,000 mg/Kg (Rat)

- Serious eye damage/irritation Causes serious eye irritation.

- 11.2 Information on other hazards

- Endocrine disrupting properties

32388-55-9 Acetyl cedrene

List II

21145-77-7 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline

List II

### SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

**1554325-20-0 Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride**

LC50 (96h) &gt;10-100 mg/L (Fish)

EC50 (48h) &gt;1-10 mg/L (Daphnia)

EC50 (72h) &gt;1-10 mg/L (Algae)

**147170-44-3 Cocamidopropyl Betaine**

LC50 (96h) 1.11 mg/L (Fish)

EC50 (72h) &gt;1.5 mg/L (Algae)

**78330-20-8 Ethoxy Alcohol C9-C11**

LC50 (96h) &gt;100 mg/L (Fish)

EC50 (48h) &gt;100 mg/L (Daphnia)

EC50 (72h) &gt;100 mg/L (Algae)

**64-02-8 tetrasodium ethylenediaminetetraacetate**

LC50 (96h) &gt;100 mg/L (Fish)

EC50 (48h) 140 mg/L (Daphnia)

EC50 (72h) &gt;100 mg/L (Algae)

**8051-30-7 Coco Diethanolamide**

LC50 (96h) 2.4 mg/L (Fish)

EC50 (48h) 3.2 mg/L (Daphnia)

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**25307-17-9 2,2'-(octadec-9-enylimino)bisethanol**

LC50 (96h)	0.1 mg/L (Fish)
EC50 (48h)	0.043 mg/L (Daphnia)
EC50 (72h)	0.0867 mg/L (Algae)

- **12.2 Persistence and degradability** The contained surfactants are easily biodegradable
- **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 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
- Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**
- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |   |  |
|---|--|
| - <b>14.1 UN number or ID number</b><br>- ADR, ADN, IMDG, IATA                | Void   |
| - <b>14.2 UN proper shipping name</b><br>- ADR, ADN, IMDG, IATA               | Void   |
| - <b>14.3 Transport hazard class(es)</b><br>- ADR, ADN, IMDG, IATA<br>- Class | Void   |
| - <b>14.4 Packing group</b><br>- ADR, IMDG, IATA                              | Void   |
| - <b>14.5 Environmental hazards:</b><br>- <b>Marine pollutant:</b>            | No   |
| - <b>14.6 Special precautions for user</b>                                    | Not applicable.                                      |
| - <b>14.7 Maritime transport in bulk according to IMO instruments</b>         | Not applicable.                                      |
| - <b>Transport/Additional information:</b>                                    | Not dangerous according to the above specifications. |

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**SECTION 15: Regulatory information**

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

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations**
- **Classification according to VbF:** Void
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

**- Relevant phrases**

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

**- Department issuing data specification sheet:** Ma-Fra Laboratories

**- Contact:** lab@mafra.it

**- Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
  - DNEL: Derived No-Effect Level (REACH)
  - PNEC: Predicted No-Effect Concentration (REACH)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Corr. 1A: Skin corrosion/irritation – Category 1A
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - Skin Sens. 1: Skin sensitisation – Category 1
  - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  - Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
  - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- \* Data compared to the previous version altered.**