

**SECTION1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name : GEMINI PRONTO  
 Trades code : 012A290853

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

Igienizer detergent for hard surfaces.

Sectors of use:  
 Professional use[SU22]

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

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

Allegrini S.p.A.  
 Vicolo Salvo d'Acquisto, 2  
 24050 Grassobbio (BG) Italy  
 Tel. +39 035 4242111  
 e-mail: msds@allegrini.com

Produced by  
 Allegrini S.p.A.

**1.4. Emergency telephone number**

Allegrini SpA : Tel. +39 035 4242111 Lun. - Ven. 8.00 - 17.00 GMT +1

**SECTION2. 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, Eye Dam. 1

Hazard statement Code(s):  
 H315 - Causes skin irritation.  
 H318 - Causes serious eye damage.

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

Hazard statement Code(s):  
 H315 - Causes skin irritation.



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H318 - Causes serious eye damage.

Supplemental Hazard statement Code(s):  
unavailable

Precautionary statements:

Prevention

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

Response

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.

P310 - Immediately call a POISON CENTER/doctor.

Contains: Sodium Hypochlorite (% Cl active) (\*), Amines Oxide

Contains (Reg.EC 648/2004): < 5% amphoteric surfactants, anionic surfactants, chlorine-based bleaching agents, perfumes.

### 2.3. Other hazards

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

The utilization of this chemical agent cause the obligation of "Risks Evaluation" from employer according to dispositions of Dlgs. April 9th 2008 no. 81. Workers exposed to this chemical agent do not have to be subjected to sanitary supervision if the results of risks evaluation show that, according to typology and quantity of chemical agent and according to method and frequency of exposure to that agent, we only have "moderate risk" for health and safety of workers and that measures foreseen by the Dlgs. are sufficient to reduce the risk.

## SECTION3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements.

NOTE: SUBSTANCES MARKED WITH (\*) HAVE SPECIFIC LIMITS

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Amines Oxide	> 1 < 3%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	n.d.	n.d.	931-292-6	01-2119490 061-47
Sodium Hypochlorite (% Cl active) (*)	> 0,1 < 1%	EUH031; Skin Corr. 1B, H314; Aquatic Acute 1, H400 Acute toxicity M-factor = 10 Chronic toxicity M-factor = 10	017-011-00-1	7681-52-9	231-668-3	01-2119488 154-34

## SECTION4. 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.

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If you feel unwell seek for 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.

In case of contact with skin, wash immediately with water.

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:

Rinse mouth with water. 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, CO<sub>2</sub>, 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

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unattended flames and possible sources of ignition. Do not smoke.

Provision of sufficient ventilation.

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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:

None 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

While working 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)

Professional use:

Handle with care. Store in a ventilated place, away from sources of heat. Keep container surely closed.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Related to contained substances:

Amines Oxide

DNEL

Systemic effects Long term Workers inhalation = 6,2 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 11 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 1,53 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 5,5 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 0,44 (mg/kg bw/day)

PNEC

Sweet water = 0,0335 (mg/l)

sediment Sweet water = 5,24 (mg/kg/sediment)

Sea water = 0,00335 (mg/l)

sediment Sea water = 0,524 (mg/kg/sediment)  
 STP = 24 (mg/l)  
 ground = 1,02 (mg/kg ground)

Sodium Hypochlorite (% Cl active) (\*)

DNEL

Systemic effects Long term Workers inhalation = 1,55 (mg/m<sup>3</sup>)  
 Systemic effects Long term Consumers inhalation = 1,55 (mg/m<sup>3</sup>)  
 Systemic effects Long term Consumers oral = 0,26 (mg/kg bw/day)  
 Systemic effects Short term Workers inhalation = 3,1 (mg/m<sup>3</sup>)  
 Systemic effects Short term Consumers inhalation = 3,1 (mg/m<sup>3</sup>)  
 Local effects Long term Workers inhalation = 1,55  
 Local effects Short term Workers inhalation = 3,1 (mg/m<sup>3</sup>)  
 Local effects Short term Consumers inhalation = 3,1 (mg/m<sup>3</sup>)

PNEC

Sweet water = 0,00021 (mg/l)  
 Sea water = 0,000042 (mg/l)  
 intermittent emissions = 0,00026 (mg/l)  
 STP = 0,03 (mg/l)

**8.2. Exposure controls**



Appropriate engineering controls:

Professional use:

No foreseen control

Individual protection measures:

(a) Eye / face protection  
 Wear visor.

(b) Skin protection

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

(ii) Other  
 Wear normal work clothing.

(c) Respiratory protection  
 Not needed for normal use.

(d) Thermal hazards  
 No hazard to report

Environmental exposure controls:

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

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## SECTION9. Physical and chemical properties

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

Physical and chemical properties	Value	Determination method
Appearance	Clear light blue liquid	
Odour	Weak of chlorine / scented	
Odour threshold	unavailable	
pH	approx. 11.5	
Melting point/freezing point	< 0°C	
Initial boiling point and boiling range	approx. 100°C	
Flash point	nonflammable	
Evaporation rate	unavailable	
Flammability (solid, gas)	nonflammable	
Upper/lower flammability or explosive limits	nonflammable	
Vapour pressure	unavailable	
Vapour density	unavailable	
Relative density	1.030 g/ml	
Solubility	in water	
Water solubility	complete	
Partition coefficient: n-octanol/water	unavailable	
Auto-ignition temperature	unavailable	
Decomposition temperature	unavailable	
Viscosity	unavailable	
Explosive properties	not explosive	
Oxidising properties	unavailable	

### 9.2. Other information

No data available.

## SECTION10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazard.

### 10.2. Chemical stability

The product is stable.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

Nothing to report

**10.5. Incompatible materials**

Ferrous metals in general.

**10.6. Hazardous decomposition products**

It does not decompose when used for intended uses.

**SECTION 11. Toxicological information**

**11.1. Information on toxicological effects**

ATE(mix) oral = 133.333,3 mg/kg

ATE(mix) dermal = n.d.

ATE(mix) inhal = n.d.

(a) acute toxicity: based on available data, the classification criteria are not satisfied.

(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: based on available data, the classification criteria are not satisfied.

(e) germ cell mutagenicity: based on available data, the classification criteria are not satisfied.

(f) carcinogenicity: based on available data, the classification criteria are not satisfied.

(g) reproductive toxicity: based on available data, the classification criteria are not satisfied.

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not satisfied.

(i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not satisfied.

(j) aspiration hazard: based on available data, the classification criteria are not satisfied.

Related to contained substances:

Amines Oxide:

LD50 (rat) Oral (mg/kg body weight) = 2000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

Sodium Hypochlorite (% Cl active) (\*):

LD50 (rat) Oral (mg/kg body weight) = 1100

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000

**SECTION 12. Ecological information**

**12.1. Toxicity**

Related to contained substances:

Amines Oxide:

LC50 (fish) : > 2.67 mg/l (96h)

NOEC (fish) : 0.495 mg/l (15d)

EC50 (daphnia) : > 3 mg/l (48h)

EC50 (algae) : > 0.2 mg/l (72h)

Sodium Hypochlorite (% Cl active) (\*):

LD50 (fish): > 0.032 mg/l (96h)

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EC50 (daphnia): > 0.141 mg/l (48h)  
 EC50 (algae): > 0.018 mg/l (72h)  
 EC50 (microorganisms): > 3 mg/l (3h)  
 Acute toxicity M-factor = 10  
 Chronic toxicity M-factor = 10

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

## 12.2. Persistence and degradability

Related to contained substances:

Amines Oxide:  
 Degradability 90% (28d) (OECD Guideline 301 B)

## 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 does NOT contain 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

Surfactants contained in this formula are in compliance with biodegradability parameters established by regulation EC 648/2004 related to detergents.

All supporting information are on hand of authorities of member countries and will be supplied to above mentioned authorities according to their explicit request or following producer's request.

## 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. Operate according to local or national regulations

## 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



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#### 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

D.Lgs. 3/2/1997 n. 52 (Classification, packaging and labelling of dangerous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labelling of dangerous preparations). D.Lgs. 2/2/2002 n. 25 (Risks derived from chemical agents during work). D.M. Labour 26/02/2004 (Limits for professional exposure). D.M. 03/04/2007 (Fulfillment of EU regulation 2006/8). EU Regulation n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP). Regulation (CE) n.790/2009.D.Lgs. 21/09/2005 n. 238 (Direttiva Seveso Ter).  
REGULATION (EU) No 1357/2014 - waste:

HP4 - Irritant — skin irritation and eye damage

HP14 - Ecotoxic

#### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

### SECTION 16. Other information

#### 16.1. Other information

Points modified compared to previous release: 1.2. Relevant identified uses of the substance or mixture and uses advised against, 1.4. Emergency telephone number, 2.1. Classification of the substance or mixture, 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures, 4.1. Description of first aid measures, 4.3. Indication of any immediate medical attention and special treatment needed, 6.1. Personal precautions, protective equipment and emergency procedures, 7.1. Precautions for safe handling, 7.3. Specific end use(s), 8.1. Control parameters, 8.2. Exposure controls, 10.1. Reactivity, 10.2. Chemical stability, 10.3. Possibility of hazardous reactions, 10.5. Incompatible materials, 11.1. Information on toxicological effects, 12.1. Toxicity, 12.2. Persistence and degradability, 12.3. Bioaccumulative potential, 12.5. Results of PBT and vPvB assessment, 12.6. Other adverse effects, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Description of the hazard statements exposed to point 3

H302 = Harmful if swallowed.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H400 = Very toxic to aquatic life.

H411 = Toxic to aquatic life with long lasting effects.

H290 = May be corrosive to metals.

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H314 = Causes severe skin burns and eye damage.

Classification based on data of all mixture components

Main regulatory references:

EC Regulation 1907/2006 of the European Parliament (REACH) and subsequent updates

EC Regulation 1272/2008 of the European Parliament (CLP) and subsequent updates

EC Regulation 830/2015 of the European Parliament and subsequent updates

EC Regulation 648/2004 of the European Parliament and subsequent updates

The data contained in the present Safety Information Sheet is based on our current knowledge and provides information regarding the safe management and handling of the product. The present document is not a Certificate of Analysis, nor a technical information sheet, nor does it constitute an agreement regarding the specifications of the product.

\*\*\*This data sheet annuls and substitutes each previous version.

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