

## Safety data sheet

### SECTION 1. Identification of the substances/mixture and of the company/undertaking.

#### 1.1. Product identifier.

Product name. **Artizta Activator 10,20,30,40 Vol**

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

Intended use. **Oxidizing Emulsion**

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

Name **G.V.F. – GIEVIEFFE S.P.A.**  
Full address **Via Giovanni Falcone, 8**  
District and Country **20080 Vernate (MI) - Italia**  
**Italia**  
**tel. 02 90093743**  
**fax 02 90093740**

e-mail address of the competent person  
responsible for the Safety Data Sheet **lisanna.loiacono@itelyhairfashion.it**

#### 1.4. Emergency telephone number

For urgent inquiries refer to

**In case of emergency contact toxicological information, emergency tel 112 (within Europe). For other countries, use the built-in emergency number in your cell phone. These telephone numbers are available 24 hours per day, 7 days per week.**

### SECTION 2. Hazards identification.

#### 2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

#### 2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.

Precautionary  
statements:

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

**P303+P361+P353 IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water / shower.

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

**P273** Avoid release to the environment.

#### 2.3. Other hazards.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

### SECTION 3. Composition/information on ingredients.

#### 3.1. Substances.

Information not relevant.

#### 3.2. Mixtures.

Contains:

The full wording of hazard (H) phrases is given in section 16 of the sheet.

Identification.	%	Classification 1272/2008 (CLP).
<b>Hydrogen Peroxide</b> CAS: 7722-84-1 EINECS: 231-765-0	≥ 3 ≤ 12	Oxi Liq. 1 H271, Acute Tox 4 H302-H332, Skin Corr.1A H314, Eye Dam 1 H318, STOT SE 3 H335, Aquatic Chronic 3 H412.
<b>Cetrimonium Chloride</b> CAS: 112-02-7 EINECS: 203-928-6	≤ 1	Skin Corr. 1C H314, Aquatic Acute 1 H400 M=10
<b>Phosphoric Acid</b> CAS: 7664-38-2 EINECS: 231-633-2	≤ 1	Meta Corr.1 H290, Skin Corr.1B H314, Acute Tox 4 H302.
<b>Oxiquinoline Sulfate</b> CAS: 134-31-6 EINECS: 205-137-1	≤ 1	Acute Tox 4 H302.
<b>Sodium Stannate</b> CAS: 12027-70-2 EINECS: 234-724-5	≤ 1	Skin Irrit. 2 H315, Eye Dam. 2A H319, STOT SE 3 H335.

## SECTION 4. First aid measures.

### 4.1. Description of first aid measures.

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

For symptoms and effects caused by the contained substances, see chap. 11.

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

Information not available.

## SECTION 5. Firefighting measures.

### 5.1. Extinguishing media.

#### SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

### 5.2. Special hazards arising from the substance or mixture.

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

As a result of combustion and thermal decomposition, hazardous oxidation products can form, exposure to these products leads to health.

### 5.3. Advice for firefighters.

#### GENERAL INFORMATION

In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures.

### 6.1. Personal precautions, protective equipment and emergency procedures.

Avoid contact with skin or eyes, and keep appropriate protection. Remove all possible ignition source (flame, spark or heat). No smoking. Do not breathe fumes or vapors.

### 6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

### 6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage.

### 7.1. Precautions for safe handling.

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

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

Always store in original container. Do not expose to heat, moisture or direct sunlight. Avoid freezing. Packs tightly after use. Keep away from flames free, heat, strong oxidizing agents, radiation and other initiators. Prevent contamination with other materials.

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

Information not available.

## SECTION 8. Exposure controls/personal protection.

Regulatory References:

ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
GBR	United Kingdom	EH40/2005 Workplace exposure limits
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2014

### HYDROGEN PEROXIDE SOLUTION

#### Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
VLA	ESP	1,4	1		
WEL	GBR	1,4	1	2,8	2
TLV-ACGIH		1,4	1		

### 8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

### 8.3. Environmental exposure controls

Ensure adequate ventilation. The product when used according to good practices of use and recommended doses, no specific threat to the environment.

## SECTION 9. Physical and chemical properties.

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

Appearance	Liquid
Colour	Yellow pale
Odour	characteristic
Odour threshold.	2,2 - 2,7
pH.	Not available.
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	1,01 +/- 0,05 10 vol; 1,02 +/- 0,05 20 vol; 1,03 +/- 0,05 30 vol; 1,04 +/- 0,05 40 vol
Relative density.	Not available.
Solubility	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

### 9.2. Other information.

Contact with combustible materials may cause fire.

## SECTION 10. Stability and reactivity.

### 10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use. HYDROGEN PEROXIDE SOLUTION: decomposes rapidly with risk of explosion due to the effect of light, heat and contact with alkaline metals. PHOSPHORIC ACID: decomposes at temperatures over 200° C/392°F.

### 10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage. But the product may react violently with water.

### 10.4. Conditions to avoid.

Avoid overheating. Prevent moisture or water from penetrating inside the containers. HYDROGEN PEROXIDE SOLUTION: exposure to light, heat and alkaline substances.

### 10.5. Incompatible materials.

HYDROGEN PEROXIDE SOLUTION: flammable substances, acetone, ethanol, glycerol, organic sulphides, hydrated bases, oxidisable materials, iron, copper, bronze, chromium, zinc, lead, silver, manganese and acetic acid.

PHOSPHORIC ACID: Metals, strong alkalis, aldehydes, sulphides and peroxides.

### 10.6. Hazardous decomposition products.

Burning may produce carbon oxides and vapors can be harmful to health. PHOSPHORIC ACID: phosphorus oxide.

## SECTION 11. Toxicological information.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

HYDROGEN PEROXIDE SOLUTION  
LD50 (Oral). 1193 mg/kg Rat  
at the concentration of 35%

Cetrimonium chloride  
LD50 (Oral). 2700 mg/kg calculated  
LD50 (Dermal). 2100 mg/kg calculated

PHOSPHORIC ACID  
LD50 (Oral). 1530 mg/kg Rat  
LD50 (Dermal). 2740 mg/kg Rabbit  
LC50 (Inhalation). > 0,85 mg/l/1h Rat

**SECTION 12. Ecological information.**

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

**SECTION 13. Disposal considerations.****13.1. Waste treatment methods.**

Waste disposal must be in accordance with local rules

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**SECTION 14. Transport information.**

The product Aquarely 10 and 20 vol are not dangerous ( $H_2O_2 < 8\%$ ) under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

The product Aquarely 30 and 40 vol are dangerous for transport.

Transport by road, Directive 94/55/EC - 2006/89/EC (ADR 2007) Class: 5.1

Packing Group: III

Rail transport, Directive 96/49/EC (RID 2007) Class: 5.1

Packing Group: III

Transport by sea (IMDG 33-06) Class:

5.1

Packing Group: III

Transport by air (ICAO / IATA 2007) Class:

5.1

Packing Group: III

UN 2984

EmS: F-H, S-Q

Proper shipping name: Hydrogen Peroxide, aqueous solution with not more than 12% (max 40 vol) of Hydrogen Peroxide stabilized

**SECTION 15. Regulatory information.****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Standard Reference EU: European Cosmetic Regulation 1223/2009.

WARNING: Contains hydrogen peroxide. Avoid contact with eyes. Rinse immediately if product comes into contact with them. Wear suitable gloves. Keep out from children's reach. PROFESSIONAL USE

**15.2. Chemical safety assessment.**

No hazardous preparation (cosmetic products) and Conforms to European norms.

**SECTION 16. Other information.**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

**Acute Tox 4** Acute toxicity, Category 4

**Skin Corr 1A** Skin corrosion, category 1A

**Skin Irrit 2** Skin irritation, category 2

**Skin Corr 1C** Skin corrosion, category 1C

**Aquatic Acute 1** Hazardous to the aquatic environment, acute toxicity, category 1

<b>Eye Dam. 1</b>	Serious eye damaged, category 1
<b>Eye Dam 2A</b>	Serious eye damaged, category 2A
<b>Oxi Liq.1</b>	Oxidising Liquids, category 1
<b>STOT SE 3</b>	Specific target organ toxicity, single exposure, category 3
<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment, chronic toxicity, category 3
<b>Meta Corr.1</b>	Substances and Mixtures corrosive to Metals

<b>H302</b>	Harmful if swallowed
<b>H314</b>	Causes severe skin burns and eye damage
<b>H332</b>	Harmful if inhaled
<b>H335</b>	May cause respiratory irritation
<b>H412</b>	Harmful to aquatic life with long lasting effects
<b>H319</b>	Causes serious eye irritation
<b>H315</b>	Causes skin irritation
<b>H318</b>	Causes serious eye damage
<b>H271</b>	May cause fire or explosion; strong oxidiser.
<b>H290</b>	May be corrosive to metals.
<b>H400</b>	Very toxic to aquatic life.

### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

### GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
  4. Regulation (EU) 2015/830 of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
  7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
  8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
  9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
  10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - ECHA website

### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.