



# SAFETY DATA SHEET

According to 1907/2006/CE directive

Doc. N° 3115001 rev.1  
Date of issue: 18-11-2014  
Date of preparation: 05-07-2012

**Reference n°:** 311500105-07-2012

**Name:** **AGP TEST**  
**Intended use:** **Test for the evaluation of platelet aggregation induced by ADP, Adrenaline, Collagen and Ristocetin**

**Producer:** **Mascia Brunelli S.p.A.**  
Viale Monza 272, 20128 Milano, Italy.  
Tel.: 0039 02 25209.1  
Fax: 0039 02 2576428  
E-mail: [info@masciabrunelli.it](mailto:info@masciabrunelli.it)  
Emergency phone ++39 02 66101029  
"Centro Antiveleni" Piazza Ospedale Maggiore, 3 - Milano

DESCRIPTION OF THE PRODUCT: the kit contains follow reagents

1. ADP 0,1 mM Iyo
2. Adrenaline 5 mM Iyo
3. Collagen 1 mg/mL
4. Ristocetin 25 mg
5. Diluent A
6. Diluent B

## 1 – PRODUCT AND COMPANY IDENTIFICATION

<b>Name</b>	<b>ADP 0,1 mM</b> 1) ADP 2) Inositol
<b>Producer</b>	<b>Mascia Brunelli S.p.A.</b> Viale Monza 272, 20128 Milano, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: <a href="mailto:info@masciabrunelli.it">info@masciabrunelli.it</a> Emergency Phone ++39 02 66101029 "Centro Antiveleni" Piazza Ospedale Maggiore, 3 - Milano

## 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Mascia Brunelli S.p.A.**, Viale Monza 272, 20128 Milan, Italy. Tel. n° ++39 02 25209.1, Fax n° ++39 02 2576428  
E-mail: [info@masciabrunelli.it](mailto:info@masciabrunelli.it); Web Site: [www.masciabrunelli.it](http://www.masciabrunelli.it)



## 1 – PRODUCT AND COMPANY IDENTIFICATION

<b>Name</b>	<b>Adrenaline 5 mM</b> 1) Adrenaline 2) Sodium chloride 3) Sodium metabisulfite 4) Inositol
<b>Manufacturer</b>	<b>Mascia Brunelli S.p.A.</b> Viale Monza 272, 20128 Milano, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: <a href="mailto:info@masciabrunelli.it">info@masciabrunelli.it</a> Emergency phone ++39 02 66101029 "Centro Antiveneni" Piazza Ospedale Maggiore, 3 - Milano

## 2 – HAZARDS SPECIFICATIONS

Classification and labelling according to European Directive 1999/45/CE

T+



### "Risk" Phrases

R28 – Very toxic if swallowed.

R36/37/38 – Irritating to eyes, respiratory system and skin.

## 3 – COMPOSITION, INFORMATION ON INGREDIENTS

### HAZARDOUS INGREDIENT:

Common name	(-)-Epinephrine (+)-bitartrate salt 9,55 %
CAS N°	51-42-3
N°CEE	200-097-1
Symbol	<b>T+</b>
Risk Phrases	R28 (Very toxic if swallowed) R36/37/38 (Irritating to eyes, respiratory system and skin)

## 4- FIRST AID MEASURES

Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin	Wash off with soap and plenty of water.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Most important symptoms and effects, both delayed	Laboratory experiments in animals have shown fetotoxic acute and results, palpitation, tremors, weakness, headache.

## 5 - FIRE-FIGHTING MEASURE

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance/mix	Carbon oxides, nitrogen oxides (NOx).
Precautions for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary.

## 6- ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

**7 – HANDLING AND STORAGE**

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2-8°C. Light sensitive. Air sensitive.

**8- EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

Components with workplace control parameters Contains no substances with occupational exposure limit values.

**Exposure controls**

Appropriate engineering controls	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Eyes	Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such EN 166 (UE).
Skin	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of UE Directive 89/686/EEC and the standard EN 374 derived from it.
Respiratory protection	Use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).
Body protection	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**9 – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	solid
Colour	white
Odour/odour threshold	no data available
pH	4,0 at 20 g/L
Melting point	155°C
Boiling point	413,1 °C at 760 mmHg
Flash point	207,9°C
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Explosive limits	no data available
Vapour pressure	negligible
Vapour density	no data available
Relative density	no data available
Water solubility	complete in cold water
Partition coefficient: n-octanol/water	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Bulk density	0,6 g/L

**10 – STABILITY AND REACTIVITY**

Reactivity	no data available
Chemical stability	no data available
Possibility of hazardous reactions	no data available
Conditions to avoid	no data available
Incompatible materials	Bases. Oxidizing agents. Iron and iron salts. Copper.
Hazardous decomposition products	Other decomposition products – no data available.



**11 – TOXICOLOGICAL INFORMATION**

Acute toxicity	
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	no data available
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	Genotoxicity in vitro – Mouse – Other cell types – DNA inhibition
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	Laboratory experiments have shown teratogenic effects. Reproductive toxicity – mouse – subcutaneous: paternal effects: spermatogenesis (including genetic material, sperm morphology, motility and count).
Specific target organ toxicity - single exposure	Inhalation – May cause respiratory irritation
Specific target organ toxicity – repeated exposure	no data available
Aspiration hazard	no data available
Potential health effects	
Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	May be fatal if swallowed.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Eyes	Causes serious eye irritation.
Signs and Symptoms of Exposure	Laboratory experiments in animals have shown fetotoxic results, palpitation, tremors, weakness, headache.
Additional information	RTECS: DO3500000

**12 – ECOLOGICAL INFORMATION**

Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
Results of PBT and vPvB assessment	no data available
Other adverse effects	no data available

**13 – DISPOSAL CONSIDERATIONS**

Waste treatment methods	<u>Product.</u> Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. <u>Contaminated packaging.</u> Dispose of as unused product.
-------------------------	--

**14 – TRANSPORT INFORMATION**

UN- number	ADR/RID:2811	IMDG:2811	IATA:28111
UN proper shipping name	ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (Epinephrine hydrogen tartrate) IMDG: TOXIC SOLID, ORGANIC, N.O.S. (Epinephrine hydrogen tartrate) IATA: Toxic solid, organic, n.o.s. (Epinephrine hydrogen tartrate)		
Transport hazard class(es)	ADR/RID: 6.1	IMDG: 6.1	IATA: 6.1
Packaging group	ADR/RID: I	IMDG: I	IATA: I
Environmental hazards	ADR/RID: no	IMDG Marine pollutant: no	IATA: no
Special precautions for users	no data available		

**15 – DANGEROUS GOODS IN EXCEPTED QUANTITIES**



## 15 – REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No 1907/2006

Risk Phrases - R	R28 (Very toxic if swallowed) R36/37/38 (Irritating to eyes, respiratory system and skin)
Safety Phrases - S	S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 – After contact with skin, wash immediately with plenty of soap and water. S36/37 – Wear suitable protective clothing and gloves. S45 – In case of accident or if you feel unwell, seek medical advice immediately (shown the label where possible).



Classification and labelling have been performed according to EU Directive 1999/45/CE

## 16 – OTHER INFORMATION

The information in this MSDS was obtained from current and reliable sources. Anyone using this information is solely responsible for the accuracy and applicability of this information to a particular use or situation.

No one is relieved from liability for the use of the information contained in this safety data sheet.

Mascia Brunelli S.p.A. does not in any way warrant or imply the applicability, viability or use of this information to any person or for use in any situation.

## 1 – PRODUCT AND COMPANY IDENTIFICATION

<b>Name</b>	<b>Collagen 1 mg/mL</b>
<b>Producer</b>	<b>Mascia Brunelli S.p.A.</b> Viale Monza 272, 20128 Milano, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: <a href="mailto:info@masciabrunelli.it">info@masciabrunelli.it</a> Emergency Phone ++39 02 66101029

## 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

This substance is not classified as dangerous according to Directive 67/548/EEC.

### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Mascia Brunelli S.p.A.**, Viale Monza 272, 20128 Milan, Italy. Tel. n° ++39 02 25209.1, Fax n° ++39 02 2576428  
E-mail: [info@masciabrunelli.it](mailto:info@masciabrunelli.it); Web Site: [www.masciabrunelli.it](http://www.masciabrunelli.it)



## **1 – PRODUCT AND COMPANY IDENTIFICATION**

---

<b>Name</b>	<b>Ristocetin 25 mg</b>
<b>Producer</b>	<b>Mascia Brunelli S.p.A.</b> Viale Monza 272, 20128 Milano, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: <a href="mailto:info@masciabrunelli.it">info@masciabrunelli.it</a> Emergency Phone ++39 02 66101029

## **2 – HAZARDS IDENTIFICATION**

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

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### **2.2 Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

## **1 – PRODUCT AND COMPANY IDENTIFICATION**

---

<b>Name</b>	<b>Diluent A</b>
<b>Producer</b>	<b>Mascia Brunelli S.p.A.</b> Viale Monza 272, 20128 Milano, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: <a href="mailto:info@masciabrunelli.it">info@masciabrunelli.it</a> Emergency Phone ++39 02 66101029

## **2 – HAZARDS IDENTIFICATION**

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

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### **2.2 Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

## **1 – PRODUCT AND COMPANY IDENTIFICATION**

---

<b>Name</b>	<b>Diluent B</b>
<b>Producer</b>	<b>Mascia Brunelli S.p.A.</b> Viale Monza 272, 20128 Milano, Italy. Tel.: 0039 02 25209.1 Fax: 0039 02 2576428 E-mail: <a href="mailto:info@masciabrunelli.it">info@masciabrunelli.it</a> Emergency Phone ++39 02 66101029

## **2 – HAZARDS IDENTIFICATION**

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

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### **2.2 Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.