

**ALBATROSS S.r.l.**

PRODUCTION PLANT: Località  
Fellino  
80030 Roccarainola - NAPOLI -  
ITALY

**MATERIAL SAFETY DATA SHEET**  
Regulation (CE) n. 1907/2006 (REACH) as amended by  
regulation (UE) n. 453/2010 (REACH) and regulation  
(CE) 1272/2008 (CLP)

**1. Product and Company Identification****1.1 – Product identification**

<b>COMMERCIAL NAME</b>	<b>ALBA Pyroflare</b>
<b>TYPE AND CATEGORY OF PYROTECHNICS ARTICLE</b>	<b>Red or white hand held signal</b>
<b>PRODUCT USE</b>	<b>Sighting signal or recreational signal</b>
<b>CLP Classification</b>	<b>H204 - Explosive Division 1.4</b>
<b>CATEGORY CE</b>	<b>P1</b>

This is a pyrotechnic article whose effects are generated by the chemical powder blends contained in respect to its project, its size and shape. Product is placed on the market packaged and perfectly closed so that under normal conditions of detention, handling and transportation there can be no exposure to the user as the chemical mixtures would remain closed and isolated within the article. Any tampering with the item's packaging is forbidden. Exposure is possible only after use for the emission of fumes, which in normal and outdoor conditions will be dispersed in the air and would not give rise to hazardous concentrations or abnormal conditions of use (eg use not outdoors, excessive concentration of fumes in the air due to unfavorable weather conditions, etc.) and / or detention and / or storage and / or intentional and / or intentional opening and / or opening and / or opening accidental and / or disposal of the product that would make it out of the content. In case of use, the possible emissions, easily absorbed by external air, are NO, NOx, CO, COx. The single device or a limited set of articles under normal use and storage conditions can not cause any problems health or the environment. Abnormal usage conditions can cause personal or environmental health problems if the article is triggered in direction of people and / or fuel elements. In these cases follow the instructions in this SDS. In the case of a large number of artificial or individual pieces, it should be remembered that this is an explosive material and therefore the following instructions take into account the possibility of an accident due to fire and / or explosion involving a large number of items (full packages, large numbers even bulk, transport, stack of packages, etc.)

**1.2 – Relevant identified uses of the substance or mixture**

Use according to the manufacturer's recommendations. Sea distress signal for using on ships, rafts, lifeboats and pleasure craft. It produces a red or white intense flame lasting 1 minute.  
Uses other than the one indicated is not foreseen. Use is only allowed where provided by the law.  
It is strictly forbidden to open and / or any type of modification and / or manipulation of the product.

**1.3 – Informations on the supplier of the Safety Data Sheet****MANUFACTURER'S DATA**

<b>COMPANY NAME:</b>	ALBATROSS S.r.l.	
<b>HEAD OFFICE:</b>	Viale A. Gramsci, 13 - 80122 NAPLES- ITALY	
<b>PLANT:</b>	Località Fellino - 80030 Roccarainola - NAPLES - ITALY	
<b>TELEPHONE:</b>	+39 081 8265444	
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<b>WEBSITE</b>	<a href="http://www.albatrossr.com">www.albatrossr.com</a>	
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<b>MANAGER:</b>	MARCO GALLINORO	+39 081 8265444
<b>COMPANY REPRESENTATIVE :</b>	LAURA GALLINORO	+39 081 8265444

**For any telephone informations or emergency , please contact:**

**Laura Gallinoro**

e-mail address of the competent person responsible for the Safety Data Sheet: [info@albatrossr.com](mailto:info@albatrossr.com)  
**emergency telephone number:** Tel. +39.081.826.5444 - +39 338 9189961

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**2. Hazards identification****2.1 – Article Classification (article containing mixtures classified as hazardous)**

Classification according to Regulation (CE) n°1272/2008 (CLP)

CLASS CODE E DANGER CATEGORY	SECTOR SPECIFIC	WARNING	HAZARD STATEMENT
Expl. 1.4	Explosive Division 1.4	Caution	H204: fire or projection hazard

**2.2 – Label elements:****2.2.1 - GHS Pictogram – Labelling under Regulation (CE) n. 1272/2008**

GHS01

**PRECAUTIONARY STATEMENTS - PREVENTION**

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P230	It is not necessary to keep the product wet since drying does not increase the risk of explosion
P240	Ground/bond container and receiving equipment.
P250	Do not subject to grinding/shock/sources of friction.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**PRECAUTIONARY STATEMENTS - RESPONSE**

P370 + P380	In case of fire: Evacuate area.
P372	Explosion risk in case of fire.
P373	DO NOT fight fire when fire reaches explosives.

**PRECAUTIONARY STATEMENTS - STORAGE**

P401	Store according to local / regional / national / international regulations for explosives.
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**PRECAUTIONARY STATEMENTS - DISPOSAL**

P501	Dispose of contents/container in accordance with local / regional / national / international regulations.
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**2.3 – Other risks**

Not applicable

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 - Substances**

Not applicable. It is an article with closed pyrotechnic mixtures and packaged inside. Any tampering with the item is forbidden. There can be no exposure under normal storage and handling conditions.



## 3. COMPOSITION / INFORMATION ON INGREDIENTS

## 3.2 – Mixtures

Packed pyrotechnic article containing pyrotechnic, packaged and closed mixtures, for which there is no exposure under normal conditions of use, transport, storage and handling. Any tampering with the item is forbidden.

Below are the basic raw materials that on average composing pyrotechnic mixtures within the articles.

Hazardous Ingredients in Mixtures/ Identifiers	Conc. %	EC No.	CAS No.	INDEX No.	Pictogram	- CLP Classification - Warning (H) - Precautionary statement (P)
Potassium nitrate / N° CAS 7757-79-1 N° CE 231-818-8	30-40	231-818-8	7757-79-1			<b>H272: Oxidizing Solid 2 (Ox. Sol. 2) - May intensify fire; oxidizer</b> P210, P220, P221, P280, P370 + P378, P501
strontium nitrate / N° CAS 10042-76-9 N° EINECS 233-131-9	10-18	233-131-9	10042- 6-9		 	<b>H271: May cause fire or explosion; strong oxidiser - Oxidizing Solid 1 (Ox. Sol. 1)</b> P210, P220, P221, P280, P283, P306+P360, P371+P380+P375, P370+P378, P501. <b>H315: Causes skin irritation – Skin irritation 2 (Skin Irrit. 2)</b> P264, P280, P302 + P352, P321,P332+P313, P362. <b>H319: Causes serious eye irritation eye irritation 2 ( Eye Irrit. 2)</b> P264, P280, P305 + P351 + P338, P337 + P313
Powdered magnesium	22-30	231-104-6	7439-95-4	012-002-00-9		<b>H250: Catches fire spontaneously if exposed to air - Pyrophoric Solid, 1 (Pyr. Sol. 1)</b> P210, P222, P280, P370+P378, P335 + P334, P422 <b>H260: In contact with water releases flammable gases which may ignite spontaneously - In contact with water releases flammable gas 1 (Water-react. 1)</b> P223, P231 + P232, P280, P335 + P334, P370 + P378, P402 + P404, P501
Dextrin	2-8	N.A.	N.A.	N.A.	N.A.	N.A.
PVC	2-8	N.A.	N.A.	N.A.	N.A.	N.A.
Sulphur	1-3	231-722-6	7704-34-9			<b>H315: Causes skin irritation 2 - Irritazione cutanea 2 (Skin Irrit. 2)</b> P264, P280, P302 + P352, P321,P332+P313, P362.
Carbon	2-6	N.A.	N.A.	N.A.	N.A.	N.A.

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**4. FIRST AID MEASURES****4.1 – Description of first aid measures**

The article contains mixtures within a closed package, therefore does not have in itself any chance of exposure under normal conditions of storage, transportation, handling.

In case of exposure, for any unusual situation, behave as following:

<b>General advice</b>	<p><b>First aid rescuer:</b></p> <p><b>If the device is triggered or is in imminent triggering condition</b>, it might activate and explode in very close time, projecting heated elements. In case of substantial quantity, keep the safety distance prescribed by law respect of the amount of explosive material present in the vicinity of the product and the natural and / or artificial barriers present.</p> <p>In case action was indispensable, <b>ATTENTION to protect yourself from projections and flames</b>, and if this is about considerable quantity of shockwave and flame wave. Keep the safety distance prescribed by law respect of the amount of explosive material present in the vicinity of the product and the natural and / or artificial barriers present. Do not approach because it may be cause death or extremely high health risks.</p> <p>After explosion, victim should be rescued only if there is no danger of further explosion or if provided equipments are such as to allow them the approach.</p> <p>If rescue is possible, remove victim to fresh air and keep him calm. Take off immediately all contaminated clothing.</p> <p>In case of risk of loss consciousness, place the person in a stable position, lying on his side, even in case of transport. In case of opening and / or handling with escaping of mixtures contained or inhalation of fumes at high concentrations due to ignition of the single product or along with others, follow the directions below.</p>
<b>Skin Contact</b>	<p>In case of accidental contact with the pyrotechnic effects following ignition, severe burns and burns may also occur on the skin. Use the product correctly according to the instructions on the label. Spray a lot of cold water on the affected part of the burns. Clean up and Keep clean the part. Get medical advice/ attention.</p> <p>Immediately flush contaminated clothing with water (fire hazard). In case of skin contact wash immediately with polyethylene glycol 400, then with plenty of water.</p> <p>In case of contact between the skin and the contained mixtures following accidental opening and / or the handling of the product's contents, strictly forbidden, it is necessary wash up with plenty of water immediately, avoiding residues remain on the skin itself. Washing must be repeated using skin cleansers.</p>
<b>Eye Contact</b>	<p>If accidental eye contact occurs wash immediately and thoroughly for almost 10-15 minutes (with running water if possible) keeping eyelids wide open. If necessary get medical advice/ attention. Remove any contact lenses.</p> <p>In case of contact with the explosion effects, the eye may suffer a severe trauma caused by the impact with incandescent element.</p>
<b>Inhalation</b>	<p>Excessive inhalation may cause respiratory tract irritation. Symptoms may be breathing difficulties, headaches or nausea or stopping breathing. Always carry the victim to outdoors or in a well-ventilated area and seek medical advice immediately.</p> <p>If breathing difficulties are persistent, apply artificial respiration, preferably mouth-to-mouth and if necessary, give oxygen.</p> <p>Such operations should be only directed by qualified personnel.</p>
<b>Ingestion</b>	<p>Seek medical advice immediately and show him the product label.</p> <p>Do <b>NOT</b> induce vomiting. Give water to rinse out mouth immediately.</p>

**4.2 – Most important symptoms and effects, both acute and delayed**

Once triggered, the impact with the pyrotechnic effects of the signal, consisting of heated elements that are fired and / or explosions resulting in shocks waves and flame , may cause severe trauma and even death if it is conspicuous quantities. Once triggered, this product ignites and may cause burns / ecchymosis / lacerations / strong mechanical stresses to those nearby and not at safety distances. Excessive inhalation of fumes can cause respiratory irritation. Prolonged exposure of fumes or vapors generated during use may cause irritation of the eyes and of mucous membranes and the respiratory tract and formation of metaemoglobin with consequent effects on the blood. IF INHALED: mucous irritancy, coughing, respiratory failure, respiratory tract irritations.

SKIN CONTACT: Strong skin absorption as the main danger of professional poisoning with central nervous system paralysis (in severe cases with fatal consequences) as well as liver and kidney damage

AFTER EYE CONTACT: eye irritation

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

In case of emergency, go to the emergency room. In the event of exposure to the product contents, contact your doctor if any type of illness has prolonged effects.

**5. FIREFIGHTING MEASURES**

It is explosive materials. In the case of conspicuous quantities on the site and approximated, the effects of a possible explosion are flame wave, shock wave, throwing flames and / or inflamed elements at remarkable speed.

**5.1 – Extinguishing media****Fire-fighting equipment**

NEVER intervene with extinguishing means on exploding objects, it is only necessary to keep away until all possible triggering of explosives is over. Keep away in the event of fire or imminent fire in the vicinity of devices because proximity to elements such as high temperature heat, open flames, sparks, electric shocks, sparks may cause triggering.  
NEVER USE WATER  
Approach only when you are certain that there are no other explosive elements nearby. Violent water flows could lead to falls and cause further dangers.  
No need water in case of explosion. The explosion, when the risk is imminent, occurs in times not predictable but very close and with very high combustion rates.  
Intervene with extinguishing media only when the explosion hazard has ceased.  
Fire-fighting equipment, when you are certain that the possibility of an explosion has ceased, are water, foam, chemical powders. Use CO2 in the absence of other.  
Avoid in any case that the fire reaches the product. In this case, avoid any intervention and take refuge behind suitable shelter, the explosion may be imminent.  
Evacuate the area where the devices are present. Approach to the devices during the blast or in the presence of open flames and / or imminent explosion and / or explosion causes death or serious injury. Avoid any approach.  
Smoke can be very harmful if at high concentration. The area becomes particularly dangerous as the number of pyrotechnic articles present increases. Can cause death to all people present. Keep at the safety distance, evacuate the area and take refuge, however, behind suitable shelter.

**Not to be used:**

Do not use suffocation systems in case of explosion or imminent explosion. Pyrotechnic fireworks, once triggered, are self-combustive and explode causing shock waves and flames. Keep at the safety distance. Never use water on articles that exploding or about to explode. Keep away. The shock wave and the flame wave are lethal within the security area, which depends on the number of devices present and grows up with raising of their number.

**Special protective equipment for extinguishing agents:**

Prolonged exposure of fumes or vapors generated during use may cause irritation of the eyes and of mucous membranes. The explosion is all the more destructive the greater the existence of present material. Avoid any intervention in these cases. Avoid any approach. In case of very small quantities of material, the approaching, as far as strongly avoided, is only possible with equipment that protects the body from explosions with shock waves and flames and with self-contained breathing apparatus.

**Specific Procedures: WARNING**

All explosive articles are highly dangerous and must be used with extreme caution following the instructions and safety recommendations attached to them. The operator shall always bear in mind the associated risks with the use. In any doubt exist, the articles must not be used before consulting their supervisor or manufacturer.

**5. FIREFIGHTING MEASURES**

It is explosive materials. In the case of conspicuous quantities on the site and approximated, the effects of a possible explosion are flame wave, shock wave, throwing flames and / or inflamed elements at remarkable speed.

**5.3 Advice for firefighters**

Lock the area. Keep away outsiders and evacuate area. Wear protective clothing and keep it away at a distance. If possible pull away artifacts not involved in the fire. Do not attempt to fight a fire involving pyrotechnic weapons, especially if in significant quantities, but let it extinguish any possible outbreaks before approaching it.  
Prevent fire and / or heat and / or sparks from reaching the artifacts. Do not use choking systems. Pyrotechnic fireworks are self-combustive and explode even in confined environments.

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**6. ACCIDENTAL RELEASE MEASURES****6.1 – Personal precautions, protective equipment and emergency procedures**

In case of leaking of the product contents, wear protective clothing of the eyes and skin and collect, with very great CAUTION, the spilled material and deposit it in a cardboard box. Keep away from sources of ignition such as open flames or sparks. NO SMOKING. Avoid dust dispersal and contact with reducing material. In case of explosion or imminent explosion move away, if possible, taking refuge behind suitable shelter.

**6.2 – Environmental precautions**

Waste generated by the product should be disposed of in accordance with local regulations.

**6.3 – Methods and material for containment and cleaning up**

In case of leaking of the product contents, resort to specialized companies in the containment or remediation of explosives.

**7. HANDLING AND STORAGE****7.1 – Precautions for safe handling**

Handling (opening and / or processing) of the product is strictly forbidden under normal conditions.

Take the necessary precautions against possible accidental triggers:

- keep the product away from open flames, heat, sparks and other substances.
- Avoid mechanical and thermal shock and friction.
- use appropriate tools for explosive operations
- take protective measures against electrostatic charges
- handle the product carefully during loading operations, so as to avoid damages and cuts to coating and possible release of the explosive content

DO NOT eat, drink or smoke when handling. Handle the product carefully during loading operations, so as to avoid breakage of packagings and possible releases of the explosive content.

Store the product in its original container. Observe safety and health legislation.

Use the product in agreement to the manufacturer's instructions. Handle with care and with great caution. Avoid any impact, friction and mechanical stress. NO SMOKING. After use do not approach to the product but let it get cold. Do NOT food or drink during use or in areas where there is a risk of contamination by the product's contents as a result of unwanted spill of that. In these cases, must be present persons with specialist knowledge who, worn PPE laid down by specific risk assessment, collect the content, put it in suitable containers and prepare for disposal according to law and applying all criteria to break down the risks.

**7.2 – Conditions for safe storage, including any incompatibilities**

Store according to national legislation. Observe the directions on the label. Store in a dry and well-ventilated place, sheltered and away from sources of heat and direct sunlight. Keep away from ignition sources. Keep away from oxidizing agents and strongly acid or alkaline materials. No smoking. Avoid entering of unauthorized persons.

Do not store at high temperatures (preferably store at room temperature). Keep away from moisture and water. Avoid open flames, sparks, high temperature heat, electric shocks, mechanical stress, friction and water exposure. Store in an area not accessible by minors. Depositing and keeping in accordance with the law.

**7.3 – Specific end use(s)**

See 1.2 section

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 – Control parameters**

The article is packaged and does not present any dangers of exposure when used, transported, stored, handled under normal conditions and in compliance with the law.

**8.2 – Exposure controls**

No exposure is foreseen in case of handling, handling, storing and regular product transport. The following notes relate only to the case of conditions other than regular usage, transport, storage, handling (strictly prohibited conditions)

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<b>8.2.1 Respiratory protection</b>	If the threshold value (if available) of one or more of the substances present in the product is exceeded, referring to the daily exposure to the working environment or to a fraction established by the company's prevention and protection service, wear a FFP3 semi-facial filter. (ref. EN 141 / EN 143). The use of respiratory protection means, such as masks indicated in paragraph above, is necessary in the absence of technical measures to limit the worker exposure. Protection given by masks is however limited.
<b>8.2.2 Hands protection</b>	Wear chemical protective gloves, e.g. PVC. of Category II (ref. Dir. 89/686/CEE and EN 374) For the definitive choice of material for work gloves, consider the following: degradation, breaking time and permeation. In case of preparations, the resistance of work gloves must be verified before use as no predictable. The gloves have a wear time that depends on the exposure duration.
<b>8.2.3 Eye protection</b>	In case of handling for spillage of the product not triggered wear safety glasses with side shields (ref. EN 166). In case of a triggered element or imminent triggering move away or take refuge behind suitable shelter. If it is not possible leave the area, use a suitable protection for fiery projections, shock wave and flame wave. Protection must shield eyes, neck and head.
<b>8.2. 4 Skin protection</b>	In case of handling for spillage of the product not triggered wear anti-static work clothes with long sleeves and anti-static professional footwear for professional use of category II (ref. D89/686/CEE and EN 344). Wash with soap and water after removing protective clothing.
<b>8.2.5 Environmental exposure controls</b>	Vast quantities of the content of the product can harm the environment. Clean the environment as a result of any dispersion
<b>Precautionary measures to be taken</b>	Risk of explosion. Never approach if the product is triggering. The product is triggered with flames, high temperature heat sources, sparks, mechanical stress, friction, electric shocks. Keep/store in a dry place.
<b>Recommended control equipment</b>	Use the product at a safe distance from things and people according to regulatory requirements. Follow the label instruction.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Steel tube with green/yellow/red outer casing pressed, with black/grey polytechnical ingredients, contains ignitor and a grip.
pH (as supplied)	--
Melting point / freezing point (°C)	N.A.
Flash point (°C)	--
Upper Explosive Limit (%)	--
Explosive properties	Explosive
Lower Explosive Limit (%)	N.A.
Solubility	N.A.
Solubility in water (g/L)	N.A.
Viscosity (cSt)	N.A.
Vapour density (Air = 1)	N.A.
Evaporation rate	N.A.
Partition coefficient n-octanol / water	N.A.
Molecular weight (g/mol)	N.A.
pH (as supplied)	--
Melting point / freezing point (°C)	N.A.
Flash point (°C)	--
<b>9.2. Other information</b>	
Fusion point	N.A.

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Auto-ignition temperature (°C)	N.A.
SADT	N.A.
ACTIVE OXYGEN CONTENT	N.A.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Contains hygroscopic substances - Stable under normal conditions of use

**10.2. Chemical stability**

Product is considered stable under normal stock condition, transport, handling, use.

**10.3. Possibility of hazardous reactions**

See 7.2 section

**10.4. Conditions to avoid**

See 7.2 section

**10.5. Incompatible materials**

See 7.2 section

**10.6. Hazardous decomposition products**

In case of triggering, the product may generate vapors and noxious fumes: carbon oxides and nitrogen oxides (NO, NO<sub>x</sub>, CO, CO<sub>x</sub>).

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

There are no toxicological effects on the product as such.

The end-user, for proper use, holding, handling, transport of the product, shall bear no exposure.

Please note that this article contains mixtures whose concentration of individual component substances is listed in section 3

**SECTION 12: ECOLOGICAL INFORMATION**

Please note that this article contains mixtures whose concentration of individual component substances is listed in section 3.  
Never leave the product or its residues in the environment after ignition.

**12.1. Toxicity**

Not Applicable

**12.2. Persistence and degradability**

Not Applicable

**12.3. Bioaccumulative potential**

Not Applicable

**12.4. Mobility in soil**

Not Applicable

**12.5. Results of PBT and vPvB assessment**

Not Applicable

**12.6. Other adverse effects**



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No data available

The content of the article may be toxic to aquatic life with long lasting effects.

**SECTION 13: DISPOSAL CONSIDERATIONS**

## 13.1. Waste treatment methods

<b>Product</b>	Explosives must not be thrown away, buried, discarded or placed with garbage. Explosives which are surplus, deteriorated or considered unsafe for transport, storage or use shall be destroyed and the statutory authorities shall be notified. Refer to local Waste Disposal Authority and supplier for suitable disposal procedure.
<b>Packaging disposal</b>	This material may be disposed of by burning or detonation but the operation may only be performed under the control of a person trained in the safe destruction of explosives.
<b>Other informations</b>	Article CER code: 16 04 02 * (artificial waste fires) CER code: contaminated packaging: 15 01 10 * packaging containing residues of dangerous or contaminated substances In Italy dispose according to Legislative Decree no. 152/2006. DECREE OF MINISTRY FOR THE ENVIRONMENT AND THE PROTECTION OF NATURAL AND MARINE RESOURCES of May 12, 2016, no. 101. Regulation laying down the procedures for the collection, disposal and destruction of exploded products, including those expired, and waste generated by the ignition of pyrotechnics of any species, including those for rescue needs, as referred to in Article 34 of the Decreto-Leader of 29 July 2015, n. 123.

**SECTION 14: TRANSPORT INFORMATION**

	Road / Rail Transport (ADR/RID)	Maritime transport (IMDG code)	Air transport (ICAO T.I./IATA)
14.1. UN Number	UN 0191	UN 0191	UN 0191
14.2. UN proper shipping name	HAND SIGNAL DEVICES 1.4G	HAND SIGNAL DEVICES 1.4G	HAND SIGNAL DEVICES 1.4G
14.3. Transport hazard class(es)	1 (1.4G)	1 (1.4G)	1 (1.4G)
Division 1.4	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard:(a) whose combustion of which gives rise to considerable radiant heat; or (b) which burn one after another, producing minor blast or projection effects or both.		
Compatibility Group G			
14.4. Packing group	II	II	II
14.5. Environmental hazard	Dispose responsibly after use	Dispose responsibly after use	Dispose responsibly after use
14.6. Special precautions for user	(*)	EmS: F-B, S-X (*)	(*)
14.7. Transport in bulk according to Annex II of MARPOL and the IBC code	N.A.	N.A.	N.A.
14.8. Hazard label			N.A.

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(\*)"Transportation, loading and unloading included, shall be performed by persons who received the necessary training provided for by modal regulations concerning the carriage of dangerous goods."

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

This product has obtained the CE certification issued by the Notified Body that made the tests. Certification implies that the article has the essential safety requirements required by the directive and D.lgs 81/2008 and smi. Reference standards include: TULPS (RD 773/31) and smi, RETULPS (RD 635/40) and smi, Environment Code, REACH and CLP Regulations.

**15.2. Chemical safety assessment**

This article contains pyrotechnic mixtures with no exposure hazard under normal operating conditions

**SECTION 16: OTHER INFORMATION**

*The information contained in this safety data sheet is based on the best scientific and toxicological knowledge until the above date, obtained from the SDSs of the substances contained in the article at the date reported in the document. The data refer only to the pure substance contained within the blends of the sealed and packaged item and without the possibility of exposure under normal conditions of use, storage, handling, transport.*

***This sheet supersedes any previous edition.***

**Most important hazard statements used in sections 2 AND 3 of this SDS (relating to substances contained in closed and packaged pyrotechnic mixtures within of the closed and packaged article)**

H271	May cause fire or explosion; strong oxidizer (Ox. Sol. 1)
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H272	May intensify fire; oxidizer (Ox. Sol. 2)
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H250	Catches fire spontaneously if exposed to air (Pyr. Sol. 1)
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H260	In contact with water releases flammable gases which may ignite spontaneously (Water-react. 1)
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H315	Causes skin irritation (Skin Irrit. 2)
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H319	Causes serious eye irritation ( Eye Irrit. 2)
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**Most important precautionary statements used in sections 2 and 3 of this safety data sheet**

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
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P220	Keep/Store away from clothing/É /combustible materials.
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P221	Take any precaution to avoid mixing with combustibles.
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P222	Do not allow contact with air.
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P223	Keep away from any possible contact with water, because of violent reaction and possible flash fire.
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P264	Wash thoroughly after handling.
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P280	Wear protective gloves/protective clothing/eye protection/face protection.
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P283	Wear fire/flame resistant/retardant clothing.
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P231 + P232	Handle under inert gas. Protect from moisture.
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P321	Specific treatment (see on the label).
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P371 + P380 + P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
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P337 + P313	If eye irritation persists: get medical advice/attention.
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P370 + P378	In case of fire: Use for extinction.
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**ALBATROSS S.r.l.**

**PRODUCTION PLANT: Località  
Fellino  
80030 Roccarainola - NAPOLI -  
ITALY**

**MATERIAL SAFETY DATA SHEET  
Regulation (CE) n. 1907/2006 (REACH) as amended by  
regulation (UE) n. 453/2010 (REACH) and regulation  
(CE) 1272/2008 (CLP)**



P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P362	Take off contaminated clothing and wash before reuse.
P422	Store contents under key
P306 + P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P335 + P334	Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P402 + P404	Store in a dry place in a closed container.
P501	Dispose of contents/container to hazardous or special waste collection point

**Regulation and reference sources**

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 790/2009
- Regulation (EC) No. 453/2010
- Dlgs. 152/2006 Environmental standards and ssmm.ii ...
- ADR International Agreement for the Carriage of Dangerous Goods by Road.
- International Maritime Dangerous Goods Code (IMDG Code).
- International Air Transport Association (IATA).
- SAX'S, Dangerous Properties of Industrial Materials
- Directive 2007/23 / EC
- d.lgs123 / 2015
- Directive 2013/29 / EU

*Data and information in this SDS are given in good faith and are based on our most recent knowledge of the product at the SDS print date. However, some data are still under revision, their nature is purely informative, they do not represent any guarantee of the product characteristics and do not give rise to any legal contractual relationship. Listing of legislative, regulatory and administrative texts should not be considered exhaustive. It is the task of the recipient of the product to refer to the official texts for the use, storage and handling of the product, activities for which it is the sole responsible. The user must also provide the person who can contact the product (use, storage, cleaning of containers, various operations) all the necessary information for the job security, the protection of health and the environment by sending them a copy of this Safety Data Sheet. The company **ALBATROSS s.r.l.** cannot be held liable for any damage resulting from inappropriate use of the product described.*

*This SDS was issued on 25/09/2017 on the basis of the provisions of Regulation 1907/2006 of 18 December 2006, (REACH) as implemented by Law no. 46.*