
	ARTICLE INFORMATIVO CARD ZETAPÌ LARGE RIFLE PRIMER	Emission Date: 15/05/2012
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1. PREVIOUS STATEMENT

This card is not a MSDS, because the law in force at the moment doesn't demand it for articles.

2. ARTICLE DESCRIPTION

Zetapì (Heavy Metal Free) Large Rifle Primer for centerfire ammunition.

3. MANUFACTURER

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4. HAZARDOUS COMPONENT INFORMATION

% (w/w)	Substance Name	CEE	EINECS	N°CAS	Pictograms	Hazard Phrases
1÷2	Diazodinitrophenol		225-134-9	4682-03-5	GHS 01	H200
0.2÷0.5	Tetrazene		208-720-9	539-57-1	GHS 01	H200
0.1÷0.3	PETN	603-035-00-5	201-084-3	78-11-5	GHS 01	H200
0.1÷0.3	Nitrocellulosa	603-037-00-6		9004-70-0	GHS01	H201
2÷4	Potassium Nitrate		231-818-8	10022-31-8	GHS 03	H272

5. FIRST AID MEASURES


General information: For the physical status of the article, any kind of absorption is almost impossible, but, a small amount of breathable, harmful particles can form during firing.

Eye Contact: Flush with plenty of water for at least 15'; then rinse thoroughly separating the eyelids with fingers. If wearing contact lenses, immediately remove lenses. Obtain medical attention immediately.

Skin Contact: Wash affected area thoroughly with soap and water.

Inhalation: Remove from source of exposure to fresh air; in case of respiratory arrest, proceed with artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention immediately.

Ingestion: If the person is conscious, rinse mouth with water and induce vomiting. Obtain medical attention immediately.

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6. FIRE FIGHTING MEASURES

Risk of explosion by shock. In case of fire or explosion it emits nitrogen oxides, carbon oxide and carbon dioxide.

Extinguishing Media: Use water to fight fire. If no water is available, carbon dioxide, dry chemical or earth may be used.

Not Proper Extinguishing Media: Any extinguishing media different from those above mentioned.

7. ACCIDENTAL RELEASE MEASURES

Personal Care: Use shovel and broom to pick up. Avoid fire, sparks and any other ignition source; you don't need any particular media except appropriate I.P.D. against metallic sharp-pointed particles.

Environmental Care: Do not disperse product in the environment after use.

Personal Care after Exposure : There are no medical conditions known to be aggravated by exposure to this product in solid form.

8. HANDLING AND STORAGE

Handling: Do not smoke during the use of the product. If there is a failure to fire, remember that delayed fire may occur; therefore wait at least 30" before, always in the utmost precaution, in any transaction. If the primer was in a weapon, keep the same in a safe direction. Do not try to open the primer.

Eye Protection: Not normally needed; use safety glasses during firing.

Skin Protection: Not normally needed; during firing use gloves.

Hearing Protection: Not normally needed; during firing use ear protection.

Respiratory Tract Protection: Not normally needed.

Exposure Limits: Exposure limits are fixed for each hazardous chemical.

General Hygiene: Do not drink, eat or smoke while using this product. Wash hands carefully after using the product.

Storage: Do not smoke in the area where primers are stored. Store them in a cool, dry, well ventilated area away from all sources of ignition. Avoid mechanical impact or shock, electrical discharge, acids, caustics and strong oxidizers. The product is stable under normal conditions of temperature and pressure and does not polymerize.


9. TOXICOLOGICAL INFORMATION

The solid state of the product before use doesn't permit the absorption of toxic substances for man.

Inhalation: In case of explosion dust, fumes and vapours may cause irritation to nose, throat, upper respiratory tract and lungs. Irritation may cause bronchitis, headache, lowering of blood pressure and weakness.

Skin Contact: Dust and fumes may cause allergic reaction in susceptible individuals.

Eye Contact: Dust and fumes can irritate the eyes causing redness and discharge.

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Ingestion: Ingestion may cause severe headache, nausea, vomiting, abdominal pain, fatigue, diarrhoea, trembling, ringing in ear, salivation and, probably, other unknown effects.

10. ECOLOGICAL DISPOSAL INFORMATION

No data is available on this product about its toxicity towards environment.

When used and disposed of properly, there is no known environmental impact.

Do not disperse product in the environment after use: heavy metals can solve and pollute water.

Degradability: Not biodegradable.

Discarded primers must be placed in their original boxes and then sent to destruction. Do not dump into sewers, on the ground, or into any body of water. Contact a firm properly designed for thermo destruction of ammunitions. Disposal must be in accordance with applicable local, state and federal laws and regulations.

11. TRANSPORT INFORMATION

	IMDG	RID/ADR	RINA	IATA
Class	1	1	1	PRIMERS, CAP TYPE, ARTICLE N°160
Division	1.4	0044	1.116	
Compatibility	2	1.4S		
Group				
Item		39		
UN N°	0044			
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12. HAZARD SYMBOLS, HAZARD AND PRUDENCE PHRASES


Pittograms:



GHS01



GHS03

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H Phrases:

H 200: Unstable explosives

H 201: Explosive; mass explosion hazard

H 272: May intensify fire; oxidiser

P Phrases:

P 102: Keep out of reach of children

P 201: Obtain special instruction before use

P 202: Do not handle until all safety precautions have been read and understood

P 281: Use personal protective equipment as required

P 314: Get medical advice/attention if you feel unwell

P 372: Explosion risk in case of fire

P 401: Store articles in a cool, dry, well ventilated area

P 501: Dispose of contents/container in accordance with local laws

13. ADDITIONAL INFORMATION

The information contained in this card should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product.

Fiocchi Munizioni S.p.A. believes this information to be reliable and current as of the date of publication, but makes no warranty that it is.

This card is applicable only to the product identified herein and only when used properly.

If the article is properly used, there is no contact between the user and hazard contained substances.

14. BIBLIOGRAPHY

- T. Urbansky, "Chemistry and Technology of Explosives vol. 3", 1983
- Transport dangerous goods (Orange Book)
- REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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