



## Safety Data Sheet dated 31/7/2015, version 1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Mixture identification:

Trade name: Protezione alimentazione diesel

Trade code: 007950026105

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

Diesel additive

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

Company:

Magnetit Marelli

Plac pod lipami 5, 40-472 Katowice, Poland

Competent person responsible for the safety data sheet:

checkstar@magnetimarelli.com


#### 1.4. Emergency telephone number

999/112

### SECTION 2: Hazards identification

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

EC regulation criteria 1272/2008 (CLP):

 Warning, Skin Sens. 1,1A,1B, May cause an allergic skin reaction.

 Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Symbols:



Danger

Hazard statements:

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P331 Do NOT induce vomiting.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 2: Hazards identification

If brought into contact with the skin, the product may cause sensitisation of the skin.

The product is harmful: may cause lung damage if swallowed.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.














### SECTION 3: Composition/information on ingredients


3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 70% - < 80%	Distillates (petroleum), hydrotreated light; Kerosine "unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presenc	Index number: 649-422-00-2 CAS: 64742-47-8 EC: 265-149-8	 3.10/1 Asp. Tox. 1 H304
>= 20% - < 25%	2-ETILESILNITRATO	CAS: 27247-96-7 EC: 248-363-6	 3.1/4/Inhal Acute Tox. 4 H332  3.1/4/Dermal Acute Tox. 4 H312  3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317  4.1/C2 Aquatic Chronic 2 H411 EUH044
>= 0.5% - < 1%	naphthalene	Index number: 601-052-00-2 CAS: 91-20-3 EC: 202-049-5	 3.6/2 Carc. 2 H351  4.1/A1 Aquatic Acute 1 H400  4.1/C1 Aquatic Chronic 1 H410  3.1/4/Oral Acute Tox. 4 H302
>= 0.1% - < 0.25%	3,6,9-triazaundecamethylene diamine; tetraethylenepentamine	Index number: 612-060-00-0 CAS: 112-57-2 EC: 203-986-2	 3.2/1B Skin Corr. 1B H314  3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317  4.1/C2 Aquatic Chronic 2 H411  3.1/4/Oral Acute Tox. 4 H302

			 3.1/4/Dermal Acute Tox. 4 H312
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

#### In case of eyes contact:

#### In case of Ingestion:

Do NOT induce vomiting.

#### In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## SECTION 6: Accidental release measures

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

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

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## SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

naphthalene - CAS: 91-20-3

EU - LTE(8h): 50 mg/m<sup>3</sup>, 10 ppm - Notes: Indicative Occupational Exposure Limit Values, proposal [5] (for references see bibliography)

ACGIH - LTE(8h): 10 ppm - STE: 15 ppm - Notes: Skin, (A4) - (Hematologic eff, URT and eye irr, eye dam)

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Appearance and colour:	Brown liquid	--	--
Odour:	Caracteristic	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	n.d.	--	--
Initial boiling point and boiling range:	n.d.	--	--
Flash point:	FP>55 ° C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	n.d.	--	--
Vapour density:	N.A.	--	--
Relative density:	0,852	--	--
Solubility in water:	Insolubile	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	n.d.	--	--
Oxidizing properties:	n.d.	--	--

### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

### 10.4. Conditions to avoid

Stable under normal conditions.

- 10.5. Incompatible materials  
None in particular.
- 10.6. Hazardous decomposition products  
None.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

3,6,9-triazaundecamethylenediamine; tetraethylenepentamine - CAS: 112-57-2

LD50 (RABBIT) SKIN: 660 MG/KG

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

N.A.

### 12.2. Persistence and degradability

None

N.A.

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

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## SECTION 14: Transport information

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

ADR-UN number: 1993

IATA-Un number: 1993

- IMDG-Un number: 1993
- 14.2. UN proper shipping name  
 ADR-Shipping Name: LIQUIDO INFIAMMABILE, N.A.S.  
 IATA-Technical name: FLAMMABLE LIQUID, N.O.S.  
 IMDG-Technical name: FLAMMABLE LIQUID, N.O.S.  
 N.A.
- 14.3. Transport hazard class(es)  
 ADR-Class: 3  
 ADR-Label: 3  
 IATA-Class: 3  
 IMDG-Class: 3  
 N.A.
- 14.4. Packing group  
 ADR-Packing Group: III  
 IATA-Packing group: III  
 IMDG-Packing group: III  
 N.A.
- 14.5. Environmental hazards  
 N.A.
- 14.6. Special precautions for user  
 ADR-Tunnel Restriction Code: (D/E)  
 IMDG-Technical name: FLAMMABLE LIQUID, N.O.S.  
 N.A.
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
 N.A.

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## SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
 Dir. 98/24/EC (Risks related to chemical agents at work)  
 Dir. 2000/39/EC (Occupational exposure limit values)  
 Regulation (EC) n. 1907/2006 (REACH)  
 Regulation (EC) n. 1272/2008 (CLP)  
 Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
 Regulation (EU) n. 453/2010 (Annex II)  
 Regulation (EU) n. 286/2011 (ATP 2 CLP)  
 Regulation (EU) n. 618/2012 (ATP 3 CLP)  
 Regulation (EU) n. 487/2013 (ATP 4 CLP)  
 Regulation (EU) n. 944/2013 (ATP 5 CLP)  
 Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):

N.A.

15.2. Chemical safety assessment

No

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## SECTION 16: Other information

Text of phrases referred to under heading 3:

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

EUH044 Risk of explosion if heated under confinement.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.