



Safety Data Sheet dated 12/10/2011, version 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Mixture identification:

Trade name:

DETERGENTE AUTODILAVANTE

Trade code:

11.061

1.2 Relevant identified uses of the substance/mixture and uses advised against
Recommended use:

1.3 Details of the supplier of the safety data sheet

Company:

Magneti Marelli Aftermarket Sp. z o.o.

Plac pod Lipami 5

40-476 Katowice, Poland

+48 32 60 36 146

Competent person responsible for the safety data sheet:

Grzegorz Jurczuk checkstar@magnetimarelli.com

1.4 Emergency telephone number

999 or 112

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N.A.

3.2 Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and corresponding classification:

7% - 10% propan-2-ol; isopropyl alcohol; isopropanol

N.67/548/CEE: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7

F,Xi; R11-36-67



2.6/2 Flam. Liq. 2 H225



3.3/2 Eye Irrit. 2 H319



3.8/3 STOT SE 3 H336

1% - 3% ethanol; ethyl alcohol

N.67/548/CEE: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6

F; R11; substance with a Community workplace exposure limit



2.6/2 Flam. Liq. 2 H225

4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

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

Treatment:

None

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

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Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

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 fire-fighters

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.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

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

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

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

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

propan-2-ol; isopropyl alcohol; isopropanol - Index: 603-117-00-0, CAS: 67-63-0, EC No: 200-661-7

TLV TWA: 200 ppm, A4 - 491,53 mg/m³, A4

TLV STEL: 400 ppm, A4 - 983,07 mg/m³, A4

ethanol; ethyl alcohol - Index: 603-002-00-5, CAS: 64-17-5, EC No: 200-578-6

TLV TWA: 1000 ppm, A4 - 1884,25 mg/m³, A4

TLV STEL: A4

8.2 Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance and colour:

Liquid

Odour:

perfumed of essence



Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	Not applicable ° C
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	N.A.
Solubility in water:	complete
Lipid solubility:	2
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.
9.2 Other information	
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	Not Relevant

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
 - None
- 10.4 Conditions to avoid:
 - Stable under normal conditions.
- 10.5 Incompatible materials:
 - None in particular.
- 10.6 Hazardous decomposition products:
 - None.

11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects
 - There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
 - Toxicological information on main components of the mixture:
 - ethanol; ethyl alcohol - Index: 603-002-00-5, CAS: 64-17-5, EC No: 200-578-6
 - LD50 (RABBIT) ORAL: 6300 MG/KG
 - LD50 (RAT) ORAL SINGLE DOSE: 7060 MG/KG

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity
 - Adopt good working practices, so that the product is not released into the environment.
- 12.2 Persistence and degradability
 - None
- 12.3 Bioaccumulative potential
 - N.A.
- 12.4 Mobility in soil
 - N.A.
- 12.5 Results of PBT and vPvB assessment
- 12.6 Other adverse effects
 - None

13. DISPOSAL CONSIDERATIONS



13.1 Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

14.1 UN number:

14.2 UN proper shipping name:

N.A.

14.3 Transport hazard class(es):

ADR-Class: Not dangerous

IATA-Class: Not dangerous

IMDG-Class: Not dangerous

N.A.

14.4 Packing Group:

N.A.

14.5 Environmental hazards

Marine pollutant: No

N.A.

14.6 Special Precautions for User

N.A.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Environmental Pollutant:

No

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP), Regulation (CE) n. 790/2009 (1° ATP CLP), Regulation (EU) n. 453/2010 (Annex I).

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).

15.2 Chemical Safety Assessment

No

16. OTHER INFORMATION

Text of phrases referred to under heading 3:

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

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.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.



INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.