



GLOBAL IMDS REQUIREMENTS FOR SUPPLIERS

Version 2026-07-27

GLOBAL IMDS REQUIREMENTS FOR SUPPLIERS

Due to the exponential growth of the number and complexity of world-wide materials compliance legislation, car manufacturers and automotive suppliers are facing significant legal requirements regarding declarable, restricted or prohibited substances in products. Regulations like REACH, POP (Persistent Organic Pollutants), US Toxic Substances Control Act (TSCA), Canadian Chemical Management Plan (CMP), Japan Chemical Substances Control Law, China ELV or EU ELV could impact business, if not understood correctly and if legal obligations are not identified and fulfilled properly. In addition, OEM requirements regarding hazardous substances must be met in our various customer projects.

The automotive industry has implemented a specific material reporting system called IMDS (International Material Data System), in order to collect, check and monitor material and substance information for automotive components.

This document defines MAGNA's requirements regarding IMDS Material Data Sheets submitted to MAGNA.

1 Scope

This document provides information to all suppliers of MAGNA about the required quality of IMDS Material Data Sheets (MDS) submitted to MAGNA. Information provided in IMDS is used to prove compliance with legal and OEM specific requirements on hazardous substances.

This standard provides:

- Material Compliance requirements
- General information about IMDS
- Required quality of IMDS Material Data Sheets (MDS)

2 Terms and Definitions

China Automotive Material Data System (CAMDS)	Material reporting system used by the automotive industry in China.
Canadian Chemical Management Plan (CMP)	Government of Canada initiative aimed at reducing the risks posed by chemical substances to Canadians and the environment.
China ELV	GB/T 30512 Requirements for Prohibited Substances in Automobiles.
DUNS	Unique nine-digit identifier that links to a company's Dun & Bradstreet business credit file

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End of Life Vehicle Directive (ELV)	European Directive 2000/53/EC on End-of Life Vehicles.
EU Deforestation Regulation (EUDR)	Regulation (EU) 2023/1115 on the making available on the Union market and the export from the Union of certain commodities and products associated with deforestation and forest degradation.
Global Automotive Declarable Substances List (GADSL)	List of automotive relevant declarable, prohibited or declarable/prohibited substances.
International Material Data System (IMDS)	Global material reporting system of the automotive industry.
Japan Chemical Substances Control Law	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture.
Medium Chain Chlorinated Paraffins (MCCP)	MCCPs are chlorinated hydrocarbons with carbon chain lengths typically between C14 and C17.
Material Data Sheet (MDS)	Document that provides detailed information about the chemical composition of a material or product. It is used to ensure compliance with environmental and chemicals regulations.
Persistent Organic Pollutants (POP)	Toxic chemicals that persist in the environment for long periods, bioaccumulate in human and animal tissue, travel long distances through air and water, thereby posing risks to human health and the ecosystem.
POP Regulation	Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
Production Material	Material which becomes part of a product marketed/sold by MAGNA.
Production Part Approval Process (PPAP)	Standardized process used primarily in the automotive and aerospace industries to ensure that suppliers meet the required specifications before mass production begins.

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REACH Regulation

European Regulation (EC) No. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Substances of Very High Concern (SVHC)

Substances classified as substances of very high concern due to their serious risks to human health or the environment. Their use is subject to strict regulatory control.

US Toxic Substances Control Act (TSCA)

Toxic Substances Control Act of 1976 provides EPA with authority to require reporting, record-keeping and testing requirements, and restrictions relating to chemical substances and/or mixtures.

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3 Material Compliance Requirements

According to the principles of health, safety and environmental protection, MAGNA has set itself the target to be leader in the field of health, safety and environmental protection practices of its divisions and to minimize environmental impacts of its divisions via technical innovations and process efficiencies, as well as to accomplish safe and healthy working conditions.

The conformance to all rules and legal requirements concerning health, safety and environmental protection and even exceeding them, if possible, are an indispensable part of this goal, as well as internal guidelines on industrial environmental protection practices. In general, all relevant national as well as international legislation and regulations must be fulfilled. The current version of the legislation is always applicable, and suppliers should ensure they have a process for staying current with respect to regulatory developments, and updating their processes and actions accordingly.

All suppliers of production material to MAGNA are obligated to comply with the following requirements:

1. All production materials provided to MAGNA must comply with worldwide legal requirements.
2. Use of substances compliant with Global Automotive Declarable Substances List (GADSL).
3. Use of substances compliant with Int. Stockholm Convention Annex A and Annex B.
4. Use of substances regulated under the End-of Life Vehicle Directive (ELV) compliant with valid exemptions according to Annex 2.
5. Use of substances compliant with REACH Annex XIV (Authorization List).
6. Use of substances compliant with REACH Annex XVII (Restriction List).
7. No use of substances of very high concern (SVHC) listed in REACH Candidate List in new product development, if substitutes are available.

For all production materials supplied to MAGNA the compliance with worldwide chemicals legislation must be monitored by the supplier permanently. Changes must be communicated to and approved by MAGNA via the updates of IMDS Material Data Sheets (MDS).

GADSL is an explicit list of substances that are declarable or prohibited in specific applications in parts and materials. Only substances that are relevant for automotive applications are considered in GADSL. The worldwide monitoring of substances respectively the inclusion of new substances into GADSL via a substance dossier is managed by the Global Automotive Stakeholder Group (GASG).

However many car manufacturers have additional customer specific requirements on production materials exceeding the GADSL requirements. This concerns different OEM specific additional requirements, for example:

- Ford Restricted Substance Management Standard (Ford RSMS)
- Jaguar Land Rover Restricted Substance Management Standard (ST JLR.99.9999)
- Toyota Control Method for Substances of Environmental Concern (TSZ0001G)
- Renault Nissan Engineering Standard Material Engineering (RNES-B-00027)
- Stellantis Substances of Concern Requirements for Vehicle, Parts and Materials (CS.00265)
- Volkswagen Umweltnorm Erzeugnisse Werkstoffkonformität (VW91101)
- Honda Chemical Substance Management Standard (HCSMS)
- Volvo Chemical Substances which shall be declared and Substances that must not be present in Volvo Group products placed on the market (STD 100-0005)

Suppliers are obligated to comply with these OEM specific additional requirements on declarable and prohibited substances in the current version upon project specific MAGNA request.

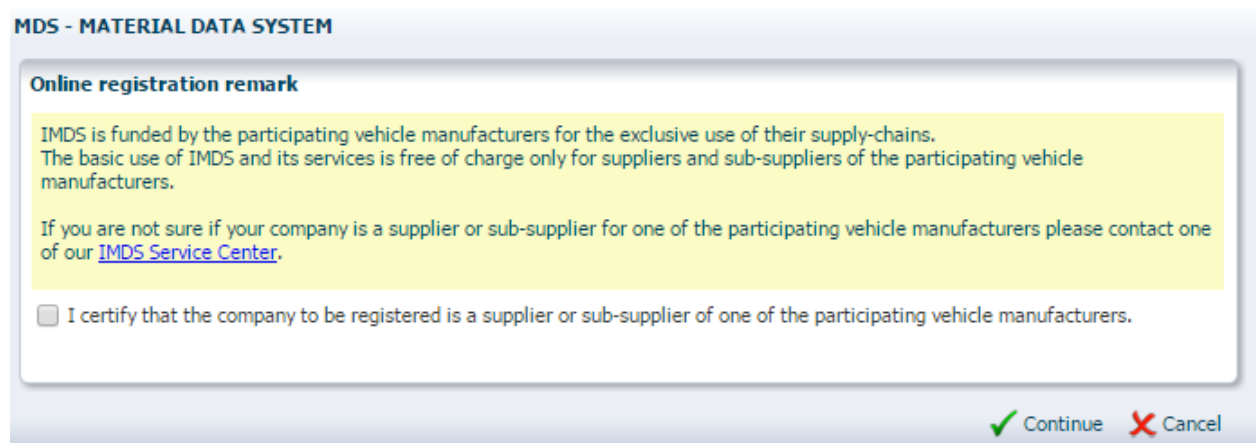
Suppliers must comply with the following requirements relating to production material:

- Conformance with the requirements of the Global Automotive Declarable Substances List (GADSL)
- Conformance with additional project specific OEM/customer requirements on declarable or prohibited substances upon request of MAGNA.
- Proactive submission of complete and correct MDS in IMDS on a timely basis in accordance with the valid IMDS rules within the PPAP documentation.
- Additional submission of complete and correct MDS in IMDS upon request of MAGNA.
- Submission of complete and correct MDS in CAMDS upon request of MAGNA.
- Continuous monitoring of compliance with worldwide chemicals/materials legislation and proactive submission of updated, complete and correct MDS in IMDS within the change management process.

4 General Information about IMDS

4.1 Access to IMDS

In general the access and use of IMDS (www.mdsystem.com) is free of charge for registered suppliers.



Registration remark for suppliers in IMDS

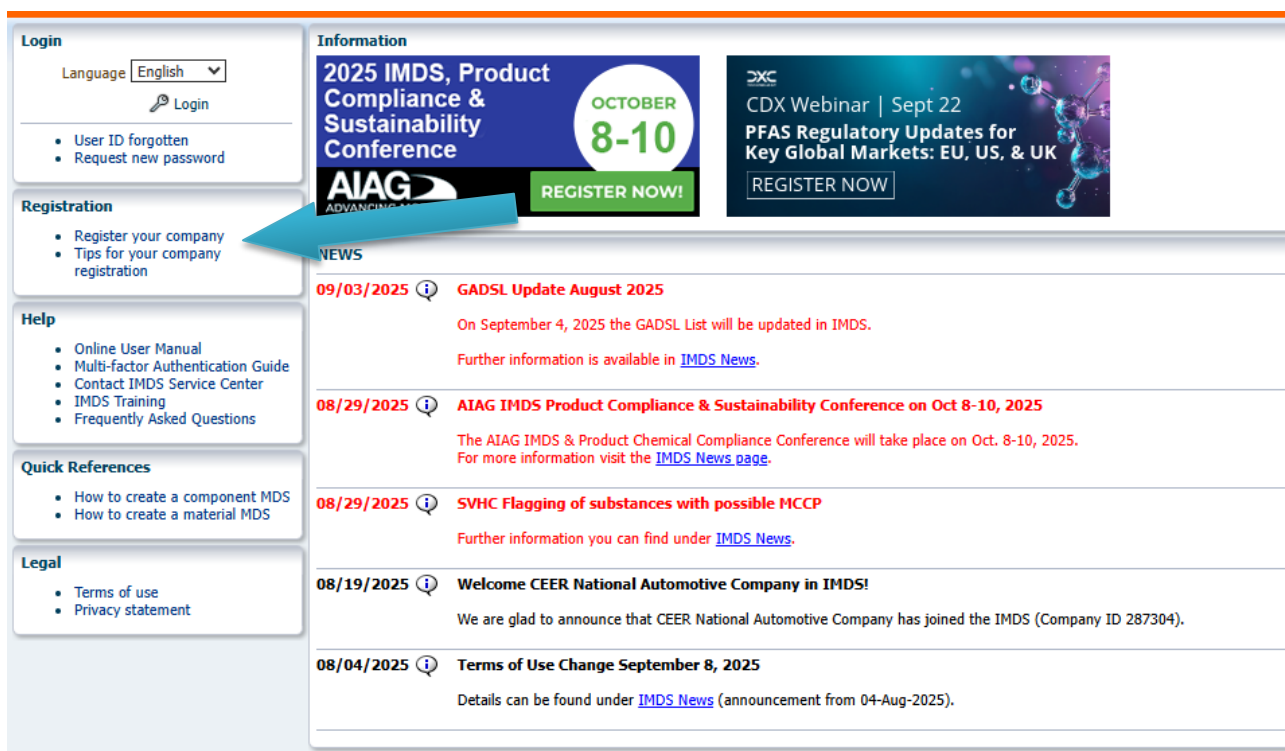
4.2 Company Registration in IMDS

Suppliers that do not have access to IMDS must register their company in IMDS and provide information about their company, their IMDS company administrator and their IMDS contacts. (<https://www.mdsystem.com/imdsnt/faces/login>)

See also the tips for registration:

https://public.mdsystem.com/documents/10906/16811/imds_registering_tips.pdf

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The screenshot shows the IMDS website interface. On the left is a sidebar with sections: Login, Registration, Help, Quick References, and Legal. The 'Registration' section is highlighted with a blue arrow. The main content area has an 'Information' banner for the '2025 IMDS, Product Compliance & Sustainability Conference' (October 8-10) and a 'CDX Webinar | Sept 22 PFAS Regulatory Updates for Key Global Markets: EU, US, & UK'. Below this is a 'NEWS' section with several announcements dated from 08/04/2025 to 09/03/2025.

Registration

- Register your company
- Tips for your company registration

Help

- Online User Manual
- Multi-factor Authentication Guide
- Contact IMDS Service Center
- IMDS Training
- Frequently Asked Questions

Quick References

- How to create a component MDS
- How to create a material MDS

Legal

- Terms of use
- Privacy statement

Information

2025 IMDS, Product Compliance & Sustainability Conference
OCTOBER 8-10
REGISTER NOW!

CDX Webinar | Sept 22
PFAS Regulatory Updates for Key Global Markets: EU, US, & UK
REGISTER NOW

NEWS

09/03/2025 **GADSL Update August 2025**
On September 4, 2025 the GADSL List will be updated in IMDS.
Further information is available in [IMDS News](#).

08/29/2025 **AIAG IMDS Product Compliance & Sustainability Conference on Oct 8-10, 2025**
The AIAG IMDS & Product Chemical Compliance Conference will take place on Oct. 8-10, 2025.
For more information visit the [IMDS News page](#).

08/29/2025 **SVHC Flagging of substances with possible MCCP**
Further information you can find under [IMDS News](#).

08/19/2025 **Welcome CEER National Automotive Company in IMDS!**
We are glad to announce that CEER National Automotive Company has joined the IMDS (Company ID 287304).

08/04/2025 **Terms of Use Change September 8, 2025**
Details can be found under [IMDS News](#) (announcement from 04-Aug-2025).

IMDS company registration

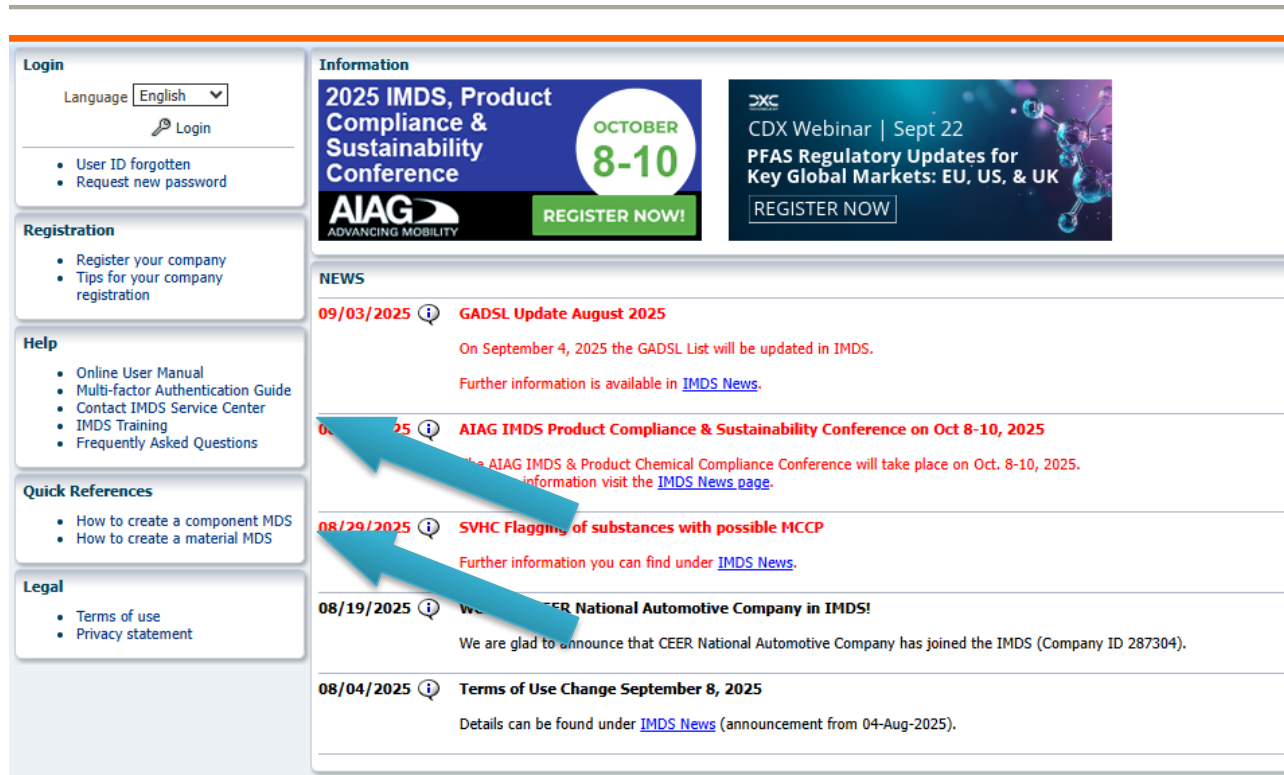
4.3 IMDS Trainings

It is the responsibility of the supplier to learn the basic IMDS know how and the ability to create and check MDS.

IMDS Manual, Training Videos and helpful Information

The website of IMDS (www.mdssystem.com) provides basic information about the system including manuals and support information. Further information can be found on the IMDS public pages via <https://www.mdssystem.com/imdsnt/faces/login>.

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Information

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Information how to create Material Data Sheets in IMDS

Trainings

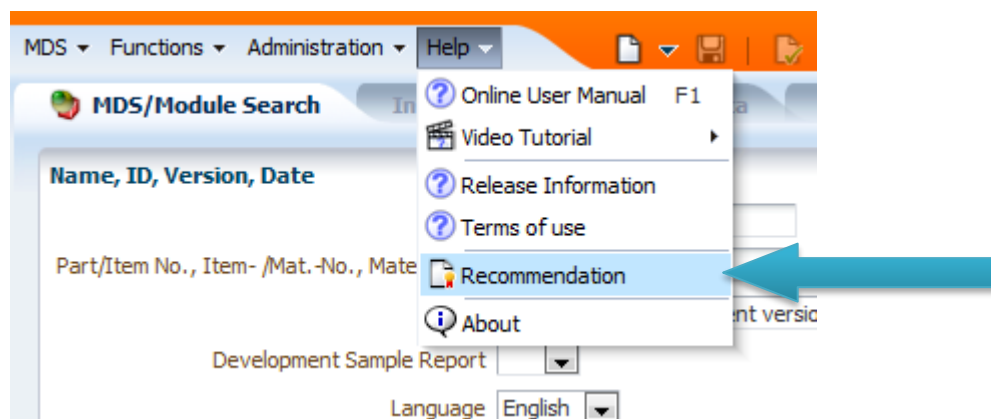
If there is a demand for a training or further support, official IMDS training services are available via <https://public.mdsystem.com/en/web/imds-public-pages/imds-partners>.

5 Required Quality of IMDS Material Data Sheets (MDS)

In general MDS must be created by suppliers of MAGNA according to IMDS Rules & Recommendations, especially IMDS Rec001 and IMDS Rec001a. MDS must also comply with additional requirements of other IMDS Rules & Recommendations respectively OEM specific IMDS requirements mentioned on the IMDS website.

5.1 IMDS Rules

The MDS must comply with valid IMDS Rules & Recommendations published in IMDS. Suppliers of MAGNA must follow the mandatory rules of IMDS Rec001 and IMDS Rec001a.



How to find IMDS Rules & Recommendations

5.2 Language

It is mandatory to send all MDS in English language. This includes English names for components, sub-components, semi-components and materials.

5.3 MDS Type

In general it is mandatory to submit MDS as final version. Preliminary MDS will not be accepted by MAGNA except upon project specific MAGNA request.

5.4 Multi Sourcing

Suppliers must send MDS of all possible variants of products if there is a multi-sourcing on subparts/-materials. Please use the IMDS Multi-Sourcing function.

5.5 Requirements on Application Codes

All application codes for **lead (Pb)**, **mercury (Hg)**, **cadmium (Cd)** and **hexavalent chromium (Cr6+)** must comply with the exemptions listed in the current version of Annex 2 of the ELV Directive and must be used in the actual version.

Application codes for Nickel and Poly Aromatic Hydrogens (PAH) must also comply with current valid requirements and regulations.

Invalid, inactive and hidden application codes will be rejected.



ATTENTION:

If application codes are changed by the IMDS Steering Committee (e.g. because of changes of the ELV Annex 2) it is mandatory to use the new application codes or to update the existing old ones.

5.6 Weight Information/Weight Tolerance

It is mandatory to provide measured weight information (see the requirement of IMDS Rec001).

The weight tolerance between measured and calculated weight of parts (assembly and single parts) must comply with the following deviations according IMDS 001 rules:


MDS - MATERIAL DATA SYSTEM

Deviation

The deviation may not exceed a certain value. Exceeding this threshold will result in a warning in the MDS Check. The threshold depends on the component's measured weight:

Measured weight per item	Allowed max. deviation
< 1g	100%
< 100g	10%
< 1kg	5%
< 10kg	2%
< 100kg	1%
≥ 100kg	0.5%

Allowed weight tolerances

5.7 Polymer Parts Marking of Plastic Components

It is mandatory to answer the question about polymer parts marking correctly. Depending on the weight there are 3 possible answers:


Parts Marking

Polymeric part(s) marked

Yes (Parts marked as required by law.)
No (Parts not marked as required.)
Not Applicable (Parts do not require marking due to specifications of weight, geometric restriction or surface requirements.)

Requirements on polymer parts marking

Please click  to receive further information:


MDS - MATERIAL DATA SYSTEM

Marking of polymeric parts

If a component contains at least one polymeric material (classification 5.x), an additional question appears in the component details:

"Polymeric part(s) marked"

The long version of this abbreviated question is:
Did you mark your polymeric part(s) according to respective applicable ISO Standards (e.g. ISO 1043, ISO 1629, ISO 11469, ISO 18064)?

The answer is mandatory if the component contains

- more than 100g of polymeric materials with the classification 5.1.x, 5.4.x and 5.5.x or
- more than 200g of polymeric materials with the classification 5.2 and 5.3.

A mandatory question answered with "No (Parts not marked as required.)" leads to a warning in the check window.

A mandatory question not answered at all leads to an error in the check window and the module or datasheet cannot be released.

If you reference a released component with an unanswered but mandatory parts marking question, you will see a warning instead of an error.
The module or datasheet can still be released, but in the long run you should think of creating (or receiving) new versions of such components.


Close

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Incorrect answers, especially related to the selection of the answer “No” will be rejected and require resubmission in corrected form.

5.8 Recyclates

It is mandatory to answer the recycle question in section “**Source of material, including circular materials**” on material level according to IMDS Recommendation 025.

Additionally because of circular economy aspects and customer sustainability requirements the answer must be provided for **all material classifications**.

☒ Source of material, including circular materials

Does the material contain Yes
recycle?

Mechanical (pre-consumer) 19.0 - 21.0 %
Mechanical (post-consumer) -
Chemical (pre-consumer) -
Chemical (post-consumer) -
Certified according to -

Is the material (partially) No
bio-based?

Content of secondary bio- -
based material
Certified according to -

Example of data to recyclates or Source of material, including circular materials



ATTENTION:

It is mandatory to answer the recycle question for all material classes, not only for polymer materials.

5.9 Regulatory Information (Chemistry Manager)

Regulatory information is crucial to validate material compliance and sustainable aspects where pure substance information is insufficient.

Suppliers must provide proactively complete Regulatory Information about concerned substances (Biocidal, REACH Annex XIV, MCPP, EUDR, etc.) in their MDS.



ATTENTION:

Complete Regulatory information is mandatory to prove material compliance in IMDS.

Concerned MDS of suppliers without Regulatory Information will be rejected by MAGNA. Further information about the Regulatory Information / Chemistry Manager is available in the IMDS Manual respectively in the IMDS FAQ.

Example for Regulatory Information for BPR in IMDS on material level

5.13 Deleted substances

It is not allowed to send MDS that include deleted substances. Any MDS including deleted substances will be rejected and requires resubmission in corrected form.

5.14 Material names

Please follow the IMDS rules for material naming. Please consider all rules mentioned in IMDS 001 document:

Rule/Guideline	Description
Rule 4.4.2.A	The material name must be entered in English. in the EN field. The added name translation in other languages is optional.
Rule 4.4.2.B	The material name must not be a trade name. Trade names can be entered in the field "Trade name" (see below).
Rule 4.4.2.C	If the material is described in a public standard, or if the nomenclature for materials of a certain type is described in a public standard (example: ISO 1043-1 to 4 for plastics, ISO 1629 for elastomers or ISO 18064 for thermoplastic elastomers), then the material name according to this public standard must be entered, example:: • For steels – EN 10027, JIS norms, example: STM-C 540 • For aluminum alloys – EN 573, JIS norms, example: Al-Si12 • For copper alloys – ISO norms, example: CuAl5 • For plastics – ISO 1043-1 to -4, example: PE-LD • For elastomers – ISO 1629, example: ACM • For thermoplastic elastomers – ISO 18064, example: TPA-ES
Rule 4.4.2.D	If no name is available which is described in a public standard, then the name must be descriptive. Examples are: • Aluminum alloy • Adhesive layer • Basecoat, clear coat • Glass • Propellant, airbag • Lubricant
Rule 4.4.2.P	The above mentioned Rules do also apply for the recipient specific name, if the MDS is sent to customers.
Guideline 4.4.2.a	For a (non-standard) descriptive name, the material name should identify the category (example: metal, polymer, mineral, propellant, organic, lubricant).

IMSD rules for material naming

5.15 Forwarding of MDS

The forwarding of MDS must be enabled by all suppliers of MAGNA via the activation of the concerned check box in the MDS on recipient data tab.

5.16 Change Management in IMDS

The IMDS rules for creating a new version or a new MDS ID according to IMDS Rec001 must be followed:

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Rule/Guideline	Description
Rule 3.2.2.A	A new customer part number requires a new MDS (new IMDS ID) unless you are informed otherwise by your customer.
Rule 3.2.2.B	The same customer part number with updated content requires a new MDS version (same IMDS ID, higher version number), if: - there is a change in GADSL or the REACH SVHC list - A reference is added, changed, or deleted - there is a change in part mass - there is a special request concerning the law.
Rule 3.2.2.C	Material MDSs must only be sent once to each customer. You must not create a new material MDS for a new customer part number of a customer who already received the Material MDS.

IMDS rules for creating a new version or a new MDS ID (Source: IMDS Rec001)

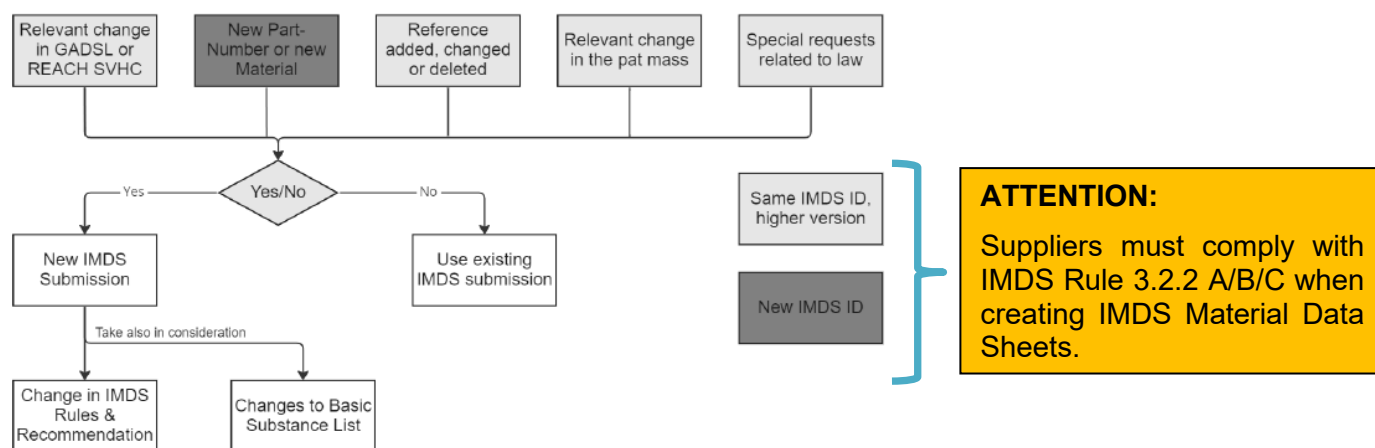


Figure 1 – Change Management Flow

Change Management process (Source: IMDS Rec001)

5.17 OEM IMDS Requirements

MDS must comply with current OEM IMDS requirements available on the public IMDS pages via: <https://public.mdsystem.com/de/web/imds-public-pages/oem-specific-info>

5.18 Recipient Data

Recipient data concerning part number, part name, change management information and supplier identification must comply with drawing information, BOM and purchase order documents of MAGNA. Further details are provided in **Annex A**.

5.19 Supplier Code

The DUNS number of the specific production facility or manufacturing site is mandatory for all MDS sent to Magna.

**ATTENTION:**

DUNS number of the specific production facility or manufacturing site of the supplier must be used as supplier code.

5.20 MAGNA IMDS ID

Suppliers must submit MDSs to the concerned IMDS ID of the MAGNA division responsible for PPAP. An overview of all MAGNA IMDS IDs is available in IMDS or can be received from the IMDS contact person of the responsible MAGNA division.

6 Contacts

In case of specific IMDS or material compliance related questions please contact the following mail address:

- IMDS: imds@magna.com
- Material Compliance: material.compliance@magna.com
- Conflict Minerals & Critical Raw Materials: conflict.minerals@magna.com

7 Record of Revisions

Previous Version	New Version	Description	Description of Changes
-	2026-07-27	First edition	

8 Annexes

Annex A - Information Recipient Data for IMDS.