

VOLKSWAGEN

AKTIENGESELLSCHAFT

Guideline for the creation of Material Data Sheets (MDS) in the International Material Data System (IMDS) for the Volkswagen AG and brands

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1. General Notes

The parts documented in material data sheets (in the following referred to as MDS) sent to Volkswagen AG must comply with material-related legislation worldwide (particularly the heavy metal ban in Europe, Korea, Japan etc., the European chemical legislation REACH, restrictions in the USA etc.). Only the availability of formal and contents wise correct MDS for all parts allows the monitoring of these legal obligations.

According to VW standards VW 91101, VW 99000 and VW 01155 each supplier is obliged to send MDS for all supplied parts to the Volkswagen AG. The basic requirements for substances, mixtures and products, whose use is limited or subject to other requirements, are regulated by the VW 91101 standard.

Due to the high amount of MDS received by the different brands from various suppliers, Volkswagen applies automatic and / or manual assessment to ensure a high data quality.

All suppliers of the Volkswagen AG are obliged to ensure that the MDS sent to the Volkswagen AG describe the documented part accurately and are created according to the IMDS Recommendations. In addition to the basic requirements of the IMDS recommendations, in particular Rec. 001, further requirements are defined in this document and in the VW 91101.

This document shall support our suppliers in the creation of MDS for the Volkswagen AG. Furthermore, the legal provisions as well as the IMDS Recommendations shall apply.

1.1 Processing of received MDS

Generally incoming MDS are checked regularly till 7 days.

For technical reasons received MDSs can only be checked the next workday and after acceptance it takes one more day for the data-transfer to BeOn.

1.2 Time of provision of MDS to the Volkswagen AG

The final MDS have to be provided according to the VW 91101 complete and error-free no later than 14 months before SOP. It should be noted that all MDS sent to the Volkswagen AG are downloaded once a night. Sufficient time should be calculated to revise possibly rejected MDS.

1.3 Send vs. propose

If possible, please use the option “send” to transfer a MDS to the Volkswagen AG. In that way, you avoid unnecessary versions of IMDS IDs which cannot be corrected anymore. “Propose” should only be used if you want to forward a MDS to the Volkswagen AG.

1.4 Forwarding permitted

In principle, the forwarding of MDS sent to the Volkswagen AG should be permitted in all cases. The organizational structure of the Volkswagen AG and the use of carry-over parts make it often necessary to forward MDS.

1.5 Change Management

In the following cases, changes of the delivered part require the creation of a new version of the existing MDS, which has to be sent to the Volkswagen AG:

- Replacement of materials
- Change in the composition of a material (e.g. substitution of a basic substance)
- Use of an additional material
- Changes in the GADSL which affect the part or a material contained in the part.

If a part gets a new customer part-number, then a new IMDS-ID is required. The complete conditions for change management and the creation of new MDS/MDS versions can be found in IMDS Recommendation 001, chapter 3.2.

1.6 Volkswagen IMDS-ID's

Please send the MDS to the Volkswagen Organisation Unit where your initial sampling takes place. In case a part is delivered to multiple locations/ brands at the same time, only one version should be submitted to the head company Volkswagen AG [107].

In the following chart you will find the IMDS-IDs of several brands or plants from the Volkswagen AG.

Company Units	IMDS-ID	Postal Code	Place
Volkswagen AG	107	38436	Wolfsburg
Audi AG	38100	85045	Ingolstadt (Györ)
Porsche AG	105	70435	Stuttgart
Automobili Lamborghini	38107	40019	Sant'Agata Bolognese (Bologna)
Bentley Motors	38103	11916	Crewe

Company Units	IMDS-ID	Postal Code	Place
Cariad SE	257234	38440	Wolfsburg
Ducati Motor Holding spa	210345	40132	Bologna
Volkswagen Group Components	28972	38231	Salzgitter
Seat Espana S.A.	38104	8040	Barcelona
Skoda Auto A.S.	38105	29360	Mlada Boleslav
Volkswagen Nutzfahrzeuge	38099	30405	Hannover
Volkswagen Truck & Bus Industria e Comercio de Vei	60541	Brazil	São Paulo

The company units deleted in IMDS (highlighted in grey) are being merged into the existing company units or IMDS IDs highlighted in green.

Previous Assignment		New Assignment	
Company unit	old IMDS-ID	IMDS ID to be used	Company Unit
Calidad Metales	38097	107	Volkswagen
Kassel (Aftersales)	31717		
Volkswagen Argentina S.A.	49865		
Volkswagen Chemnitz	35926		
Volkswagen de México	38096		
Volkswagen do Brasil	38098		
Volkswagen Emden	29628		
Volkswagen Individual	45006		
Volkswagen Mechatronic GmbH & Co KG	46514		
Volkswagen Navarra, S.A.	36638		
Volkswagen of South Africa (pty) Ltd.	38102		
Volkswagen Sachsen GmbH	39865		
Volkswagen Sachsen GmbH, Chemnitz	39867		
Volkswagen Sachsen GmbH, Dresden	38106		
Volkswagen Sachsen GmbH, Mosel	39866		
Volkswagen Sarajevo d.o.o.	47610		
Volkswagen Individual	45006		
Volkswagen Zubehör GmbH	83494		
Volkswagen Brussel NV	44439	38100	Audi
Man Latin America	131397	60541	Volkswagen Truck & Bus Industria e Comercio de Vei

Previous Assignment		New Assignment	
Company unit	old IMDS-ID	IMDS ID to be used	Company Unit
Volkswagen Poznan	30510	38099	Volkswagen Nutzfahrzeuge
Braunschweig	28971	28972	Volkswagen Group Components
Salzgitter	28972		
Volkswagen Motor Polska SO.z.o.o.	77599		
Kassel (Transmission Production & E-Drives Kassel)	31717		

The following company-units were also deleted, please send your material data sheet (MDS) to the sampling brand:

- Volkswagen Osnabrück Org.-ID: 110895
- Volkswagen Bratislava Org.-ID: 31420
- Volkswagen Autoeuropa Org.-ID: 38093
- SKODAAUTO Volkswagen India Private Limited Org.-ID: 88486

The company units listed below review their material data sheets (MDS) independently. Any questions regarding the MDS, such as reasons for rejection, must be directed to the respective company units. Contact information can be found in Chapter 4 or by accessing this link: [IMDS Information Pages - OEM Contact - IMDS Public Pages](#)

Company Units	IMDS-ID	Postal Code	Place
Volkswagen Group of America, Inc.	106464	20171	Herndon
Volkswagen Group of America, Inc.	106473	20171	Chattanooga
Scout Motors, Inc.	274060	29016	Blythewood

2. MDS Structure

The MDS sent to the Volkswagen AG must always follow the latest IMDS Recommendations and Volkswagen standards. Below you find relevant references related to the focus of VW checks.

2.1 Materials

The described composition of materials must represent the reality. The materials need to be described in their homogeneous and (in the case of process materials like lacquers, adhesives etc.) cured state. The usage of liquids, reactive substances, starting products and gases is only allowed if they are indeed contained in the final product. Plastics usually contain additives, which must be documented in IMDS. Materials containing 100% pure plastic are usually rejected. Deleted basic substances do not offer the highest possible quality and are no longer accepted.

2.2 Jokers and unspecified pure substances

The use of jokers and unspecified substances is generally not permitted. All ingredients of a product must be declared. Excluded is the joker "not yet specified" in preliminary data sheets on development sampling and procurement release. To protect information, substances can be marked as "confidential". At the same time, according to VW 91101, a "Trusted User" must be classified as trustworthy. See Annex I at the end of this document.

2.3 Structure

The structural composition of the MDS (subcomponents) must represent the reality.

2.4 Classifications

The classification must follow the IMDS recommendations 001, specifically the Annex I, and must correspond to the reality.

2.5 Ranges

The ranges of the different node types must comply with the standards prescribed in the IMDS recommendations.

2.6 Material name

The material name should comply with the requirements of the IMDS recommendations Rules 4.4.2.*

2.7 Application codes

The application codes must fulfill all corresponding currently legal requirements. Hidden or inactive application codes are generally rejected.

For substances which are in sum per material within the acceptable general concentration-limit according to Annex II of EU-ELV Directive 2000/53/EC the application code "Concentration within acceptable GADSL limits" must be chosen. For substances that, in sum per material, exceed the concentration limit of EU-ELV Directive 2000/53/EC a specific exemption according to ELV Annex II must be selected.

2.8 Biocides

For substances classified as biocides, it is necessary to document the use of substances in conformity with the law. Therefore, the regulatory information (e.g. product-type (PT6, PT7,...) - to be used as biocide YES or NO) for these substances should be completed.

2.9 Usage of Recommendation 019-Modules for E/E-components

The modules published by the IMDS under Recommendation 019 for electronic and electric components cannot be used in datasheets for the Volkswagen group. These will be rejected starting from 17th August 2020 in all received datasheets for new and existing parts. Datasheets containing such structures will be rejected immediately. This applies to data created by suppliers as well as to the relevant Rec019-modules published by the IMDS.

2.10 Marking of parts and materials

Markings of polymeric parts according to Directive 2003/138/EC with recycling-symbols are to be documented in the IMDS. The Norm VW 91102 chapter 3.5 defines the requirements.

2.11 Multi-sourcing introduced with IMDS Release 13.0

For parts which are received from different sub-suppliers but identical, the multi-sourcing function must be used to declare all variants in the same assembly-datasheet. The alternative with the most usage has to be declared as "preferred alternative". Creating two datasheets for the same customer part number is not allowed.

All general and OEM-specific IMDS-rules apply to all alternative sub-parts equally (e.g. all alternatives have to fulfill the rules for material-naming, basic-substance-ranges etc.).

2.12 SCIP-information entered by the supplier for parts

Suppliers may enter the SCIP-relevant information according to the reality on their parts.

For semi-components and materials, it is also possible to enter the material master number. This should be entered as follows:

DDDDDD.NN
 | |
 Material-ID Revision

D Number or character
N Number

Example	Part number	Entry in IMDS
Material master number	A26B12.34	A26B12.34

For the brand Ducati Motor Holding S.p.A., the part number should be provided in the following format:

DDD.D.DDD.DDX
 | | | |
 Phase Modifications/ Color Management
 Product Group Progressive Number

D Number or character
X Number, character or separator
A Character R oder S

Example	Part number	Entry in IMDS
Standard part number	456.1.D24.567	456.1.D24.567
Part number with separator	456.1.D24.56_	456.1.D24.56

3.2 Part Name

The name of the part/semi-component must be entered according to the Volkswagen drawing and CAD files in MDS under "recipient data". This entry can be in English or in German. Besides the name, further descriptions are allowed, as long as the name of the drawing is included.

3.3 Drawing number/ Drawing dated

The drawing number and the drawing dated must be entered in the MDS under "recipient data", according to the Volkswagen drawing. The entry of the date must comply with the format DD.MM.YYYY (e.g. 01.02.2013). In case no drawing number or date exists, the phrase "does not exist" should be entered.

For operating materials the specific formulation number has to be entered into this field.

3.4 Supplier Number

The DUNS number of the supplier must be entered in the MDS under “recipient data”. In order to get the DUNS number accepted, the supplier must have the status “active” in the Volkswagen supplier data base. If this is not the case, the supplier can activate the status in the supplier platform under the following link „Team up with us“. <http://www.vwgroupsupply.com/>

The entry of the DUNS number must comply with the following format:

12-345-6789

When this rule is violated, the following error messages may be generated:

MISSING_SUPPLIER_NUMBER

The supplier number was not entered.

The supplier must add the supplier number and resubmit the MDS to Volkswagen.

INVALID_SUPPLIER_NUMBER

A wrong supplier number was entered (e.g., one that does not match the DUNS number). The 'Supplier Number' field must contain the DUNS number of the supplier's place of manufacture. If the correct DUNS number is already entered, it must be activated under the link: <http://www.vwgroupsupply.com/> - „Team up with us”.

3.5 Relationship between IMDS ID – Part Number – DUNS Number

Only one part number may be documented for each IMDS ID (independently from the version), so that the relationship part number/IMDS ID is unambiguous. Please note that indices and color codes are integral components of the Volkswagen part number. For example, if the part number 1K0.123.456.A changes to 1K0.123.456.B, a new IMDS ID has to be created instead of a new version.

If a part has been changed and the corresponding actualization of the MDS does not require a new part number, then a new version of the existent IMDS ID has to be created (not a new IMDS ID).

For parts produced at multiple locations at the same time there must be one IMDS-ID per production site for the same part-number. The correct DUNS number for each production site must be entered.

3.6 Frequently made mistakes

MULTIPLE_SUPPLIER_PART_NUMBER_PER_DAY

To ensure that the assignment between part number and ID remains unique, each part number can only be sent once a day. If the same part number is sent multiple times on the same day,

all data sheets with that part number are rejected. Only one of the datasheets needs to be resubmitted.

INVALID_PART_NUMBER / TEIVON_CHECK

The supplier entered a part number which does not correspond to the Volkswagen part number scheme (INVALID_PART_NUMBER; e.g. submission of the own internal part number and not the VW part number), or a part number that is not known (TEIVON_CHECK) in TI-Synchro (Volkswagen part number allocation system). The supplier must enter the appropriate part number and resubmit the MDS to Volkswagen. The format of the part number must follow the Standard VW 01098.

MISSING_DRAWING_NUMBER

The supplier forgot to enter the drawing number in the submission of the recipient data. The supplier must add the corresponding information (drawing number) and resubmit the MDS to VW.

MISSING_DRAWING_LEVEL

The supplier forgot to enter the drawing dated in the submission of the recipient data. The supplier must enter the corresponding information (drawing dated) and resubmit the MDS to Volkswagen.

DIFFERENT_ITEM_NUMBERS

It is not allowed to have different part numbers within different versions of the same IMDS ID. Please send a separate MDS for each part number, each with a single IMDS ID (see rule 3.2.2.A from IMDS Recommendations).

DUPLICATE_SUPPLIER_PART_NUMBER

Your company has sent an MDS with an already existing IMDS ID for this part number. For changes, please use the existing MDS ID and create a new version.

SUBSTANCE_LIMIT_LIQUIDS_GASES

The following list contains substances that are not plausible in the final state of a material (e.g., monomers or other reactive/volatile components). Please ensure that all materials are declared in their final, cured state. The list is not exhaustive and is continuously updated.

	Substance Name	CAS Number
1.	3-methoxy-3-methylbutyl acetate	103429-90-9
2.	Dimethyl-succinate	106-65-0
3.	Oxirane, 2,2 -[[[(oxiranylmethoxy)phenyl]methylene]bis[[[(1,1-dimethylethyl)methylphenylene]oxymethylene]]bis-	129915-35-1
4.	2-Ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate	15625-89-5
5.	2-[[[3-[(1-Oxoallyl)oxy]-2,2-bis[[[(1-oxoallyl)oxy]methyl]propoxy]methyl]-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl]diacrylat	29570-58-9
6.	2-Phenoxyethylacrylat	48145-04-6
7.	exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate	7534-94-3
8.	Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0

9.	Terpineol	8000-41-7
10.	2,2 -[(1-Methylethyliden)bis(4,1-phenylenoxymethylen)]bisoxiran	1675-54-3
11.	2,2-Bis[[[(1-oxoallyl)oxy)methyl]-1,3-propandiyldiacrylat	4986-89-4
12.	Butan-2-one O,O ,O -(methylsilylidyne)trioxime	22984-54-9
13.	2-((2,2-Bis(((1-oxoallyl)oxy)methyl)butoxy)methyl)-2-ethyl-1,3-propanediyl di-acrylate	94108-97-1
14.	Natriumlaurylethersulfat	9004-82-4
15.	Aromatic hydrocarbons	63231-51-6
16.	Propylidynetrimethyl-trimethacrylate	3290-92-4
17.	2-Propensäure, 2-[[3-Hydroxy-2,2-bis[[[(1-oxo-2-propenyl)oxy)methyl]-1,3-propandiyldiacrylat Dipentaerythritol pentaacrylat	60506-81-2
18.	Acrylates	-
19.	2-Hydroxyethyl methacrylate	868-77-9
20.	Hexamethylene-diacrylate	13048-33-4
21.	1-alpha-Terpineol	10482-56-1
22.	2-(2-Hexyloxyethoxy)ethanol	112-59-4
23.	2,2-Dimethyl-1,3-propandiyldibismethacrylat	1985-51-9
24.	Pyridine	110-86-1
25.	Solvent naphtha (petroleum), heavy arom.	64742-94-5
26.	2-Ethylhexylacrylat	103-11-7
27.	Dimethyl-glutarate	1119-40-0
28.	Mequinol	150-76-5
29.	1-Vinyl-2-pyrrolidone	88-12-0
30.	Hexamethyldisiloxane	107-46-0
31.	2-Benzyl-2-dimethylamino-4-morpholinobutyrophenone	119313-12-1
32.	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
33.	2-[[[2,3,3a,4,7,7a(or 3a,4,5,6,7,7a)-hexahydro-4,7-methano-1H-indenyl]oxy]ethyl methacrylate	68586-19-6
34.	2-Methoxy-1-methylethyl acetate	108-65-6
35.	Cottonseed oil	8001-29-4

4. Valuable tips and Contacts

Assistance with ...

... Volkswagen-specific questions:

Email: imds@volkswagen.de

For questions of detail please provide the IMDS ID of the MDS and your contact data.

... Porsche-specific questions:

Email: imds@porsche.de

For questions of detail please provide the IMDS ID of the MDS and your contact data.

... Group of America-specific questions:

Email: imds@vw.com

For questions of detail please provide the IMDS ID of the MDS and your contact data.

... MAN-specific questions:

Email: imds@man.eu

For questions of detail please provide the IMDS ID of the MDS and your contact data.

... Scout-specific questions:

Email: imds@scoutmotors.com

For questions of detail please provide the IMDS ID of the MDS and your contact data

... IMDS-specific questions:

In your IMDS account you can find the IMDS Recommendations on the left side under the menu point *Help ->Recommendations*.

Further support is provided on the public website of [IMDS Public Pages](#)

... material-specific questions:

The material experts of the [IMDS Helpdesk](#) are ready to assist you in resolving potential issues, for example if a standard material is not available or with errors within the materials of the IMDS Committee.

... DUNS-number-specific questions:

Email: b2bteam@vwgroupsupply.com

The B2B-team can help you with the status of your DUNS-number.

5. Co-applicable Documents

IMDS Recommendations

Global Automotive Declarable Substance List (GADSL)

VW 99000	General Requirements for the Performance of Component Development Contracts
VW 01054	Engineering Drawings; Dimensioning
VW 01155	Vehicle Parts; Approval of First Supply and Changes
VW 01098	Part Number System
VW 91101	Environmental Standard for Products – Material Conformity
VW 91102	Supplement 3 of the Environmental Standard for Vehicles; Recycling Requirements, Use of Recycled Material, Recyclability Type Approval
VDA 231-106	Material classification in motor vehicle construction - Structure and nomenclature

With best regards,
Your Volkswagen material controlling team

Annex I Guide for handling confidential substances and trusted users in line with VW 91101

The following section describes how to handle the ban of Joker-substances by using the IMDS-functions “confidential substances” and “trusted user”.

TARGET OF THE APPLICATION GUIDE

Background and application information on the IMDS function "**confidential substances**" is presented in the greatest possible transparency. The subject area refers to the handling of the standard **VW91101** in the Volkswagen Group. For detailed explanations, please refer to the IMDS user manual.

GLOSSARY

Confidential Substances = CS (Abb.)

Trusted User = TU (Abb.)

Gender note

For better readability, the masculine form is used for personal names and personal nouns in this guide. In the interest of equal treatment, the corresponding terms apply to all genders. The abbreviated form of language is for editorial reasons only and does not imply any valuation.

STRUCTURE OF THE APPLICATION GUIDE

01

Brief description

Use of the confidential substance function

02

Configuration

Required pre-settings in IMDS/VW in-house system

03

Application

Schematic flow of the analysis process for trusted users

04

Additional information

Notes for IMDS releases and NOT trusted users

STRUCTURE OF THE APPLICATION GUIDE

01

Brief description

Use of the confidential substance function

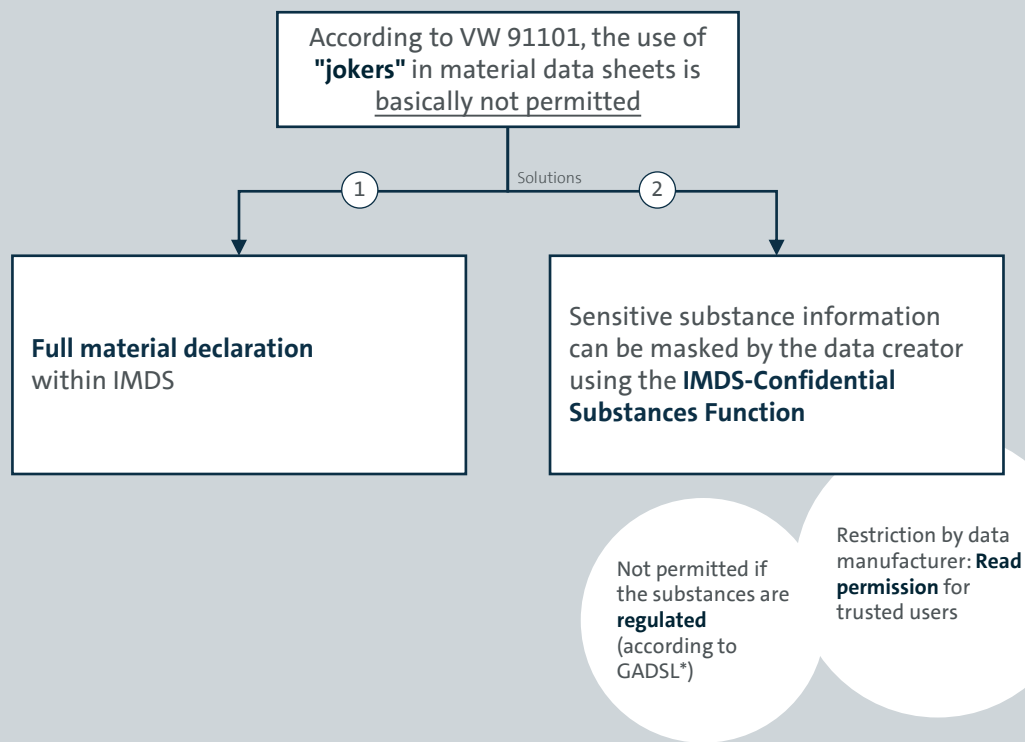
02

03

04

01 | Background information - Confidential substances in the context of VW91101

SOLUTION



BENEFITS



Confidential data passes through the supply chain



No system skip required
(like additional mail etc.)



Risk management through system notification when
confidential substances become declarable



Increases the **quality of IMDS data** sheets for all parties
involved (OEMs and suppliers) in the long term

* Global Automotive Declarable Substance List (s. www.gadsl.org)

01 | Background information - Confidential substances in IMDS

Confidential substances

Transparency, compliance and risk management along the entire supply chain



Consistent handling

Declarable or prohibited substances **cannot** be marked

Several substances can be marked

More than 10% of a material can be marked as confidential pure substances (only allowed for plastic masterbatches)



Separated systems

Confidential substances are **not visible** in VW in-house systems, databases or user interfaces

The download contains only **Node -1 "confidential substances"**

VW in-house systems allow usage tracking on confidential pure substances, which have become **declarable** (IMDS Rel. 13.0 and higher)



Legitimate rights

Material composition remains inaccessible to third parties throughout the **entire supply chain**

Confidential marked substances only visible for **trusted users**

Material manufacturers **grant** and **withdraw** explicit reading rights to trusted users

01 | Brief description

CONFIDENTIAL SUBSTANCES

Details

☒ **Common Information**

Type Basic Substance

Name(s) Buta-1,3-diene

Butadiene

Vinyl ethylene

1,3-Butadiene

CAS No. 106-99-0

EINECS-No. 203-450-8

EU-Index 601-013-00-X

GADSL Category duty-to-declare [GADSL.org](#)

REACH-SVHC No ?

Confidential ☐

☒ **Amounts and Weights**

Portion Fix

0.5 %



Check box disabled for supplier

APPLICATION INSTRUCTIONS

-  Declarable or prohibited substances **not markable**
-  **More than 10%** of a material can be marked as CS (only allowed for plastic masterbatches)
-  Confidential business information visible only to **trusted users**
-  **Multiple** substances can be marked
-  Applicable in context of **VW 91101** requirements

01 | Brief description

CONFIDENTIAL SUBSTANCES

Check results - 0 Error(s) / 1 Warning(s)				
No.	Type	Tab	Node / Recipient	Message
1		Ingredients	 Test Confidential Substances	More than 10% not specified substances. ("Not specified" are wild card or confidential substances).



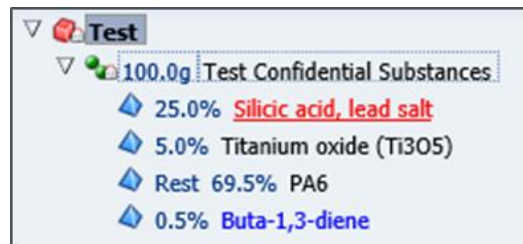
Supplier receives a warning but can release and submit the data sheet. IMDS rule 4.5.2.C is still valid, the sum of CS must not exceed 10% of a material.

APPLICATION INSTRUCTIONS

-  Declarable or prohibited substances **not markable**
-  **More than 10%** of a material can be marked as CS (only allowed for plastic masterbatches)
-  Confidential business information visible only to **trusted users**
-  **Multiple** substances can be marked
-  Applicable in context of **VW 91101** requirements

01 | Brief description

CONFIDENTIAL SUBSTANCES



Test	
100.0g	Test Confidential Substances
25.0%	<u>Silicic acid, lead salt</u>
5.0%	Titanium oxide (Ti3O5)
Rest 69.5%	PA6
0.5%	Buta-1,3-diene



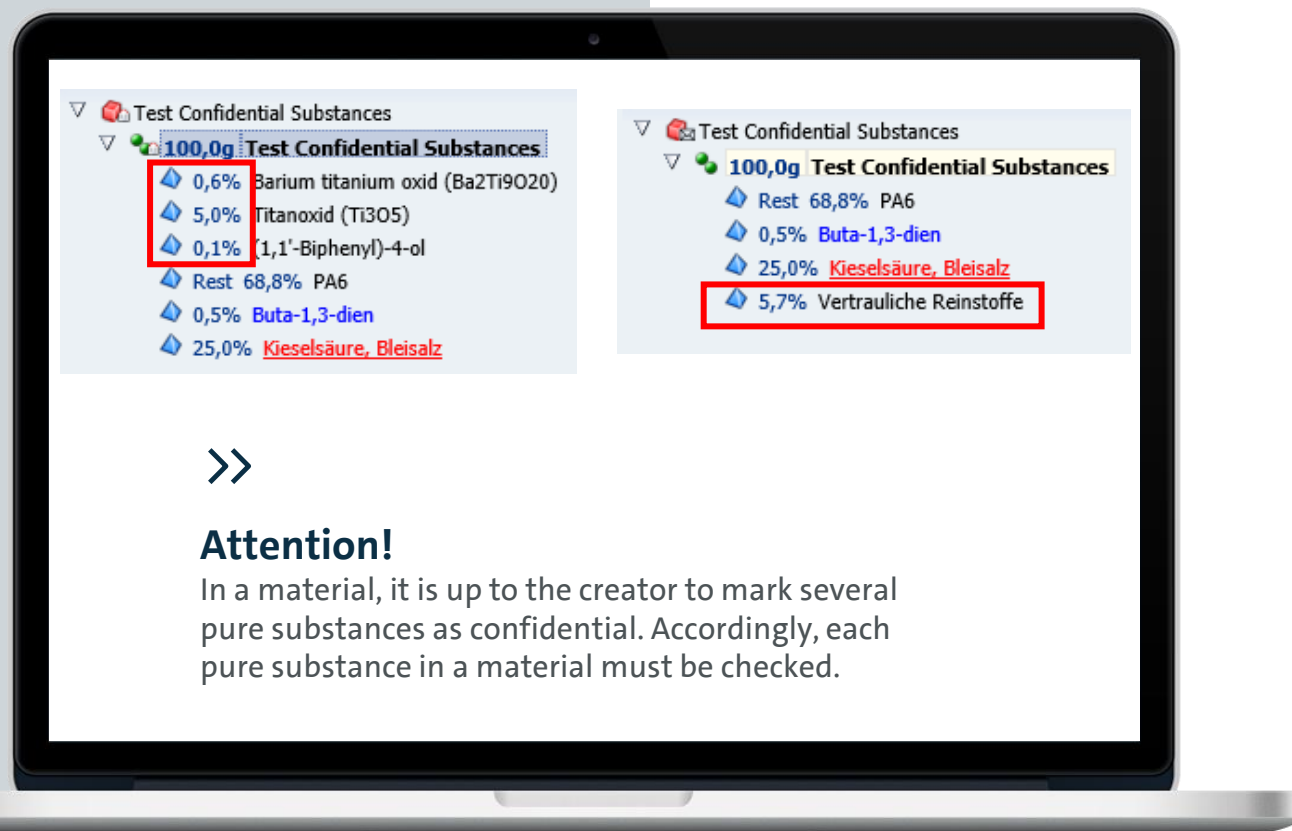
Material composition
unmasked for trusted user in
IMDS system

APPLICATION INSTRUCTIONS

-  Declarable or prohibited substances **not markable**
-  **More than 10%** of a material can be marked as CS
(only allowed for plastic masterbatches)
-  Confidential business information visible only to
trusted users
-  **Multiple** substances can be marked
-  Applicable in context of **VW 91101** requirements

01 | Brief description

CONFIDENTIAL SUBSTANCES



APPLICATION INSTRUCTIONS

- Declarable or prohibited substances **not markable**
- More than 10%** of a material can be marked as CS (only allowed for plastic masterbatches)
- Confidential business information visible only to **trusted users**
- Multiple** substances can be marked
- Applicable in context of **VW 91101** requirements



CONFIDENTIAL SUBSTANCES



See VW91101 Recommendation
Annex B5

VOLKSWAGEN
AKTIENGESELLSCHAFT

Group standard

VW 91101
Issue 2020-10

APPLICATION INSTRUCTIONS



Declarable or prohibited substances **not markable**



More than 10% of a material can be marked as CS
(only allowed for plastic masterbatches)



Confidential business information visible only to
trusted users



Multiple substances can be marked



Applicable in context of **VW 91101** requirements



STRUCTURE OF THE APPLICATION GUIDE

01

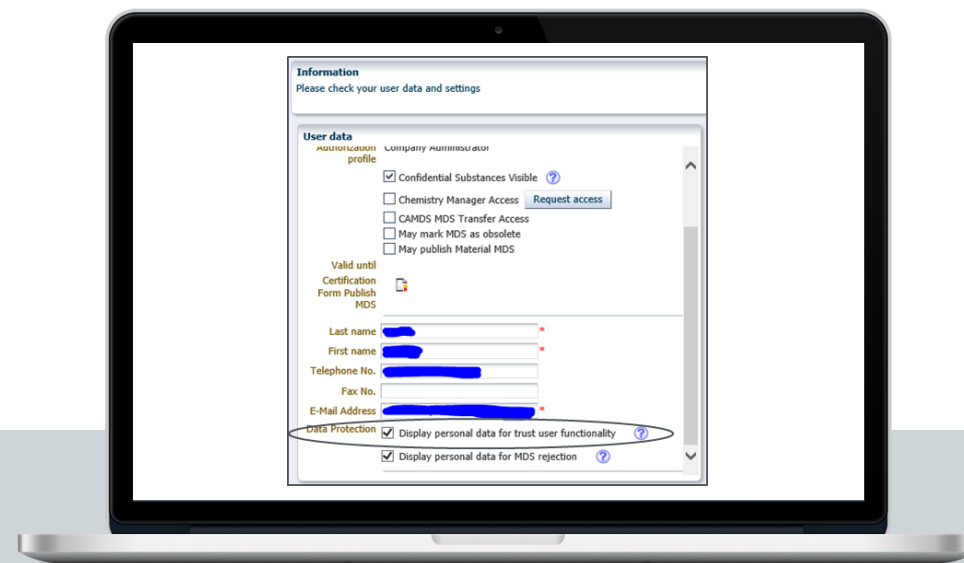
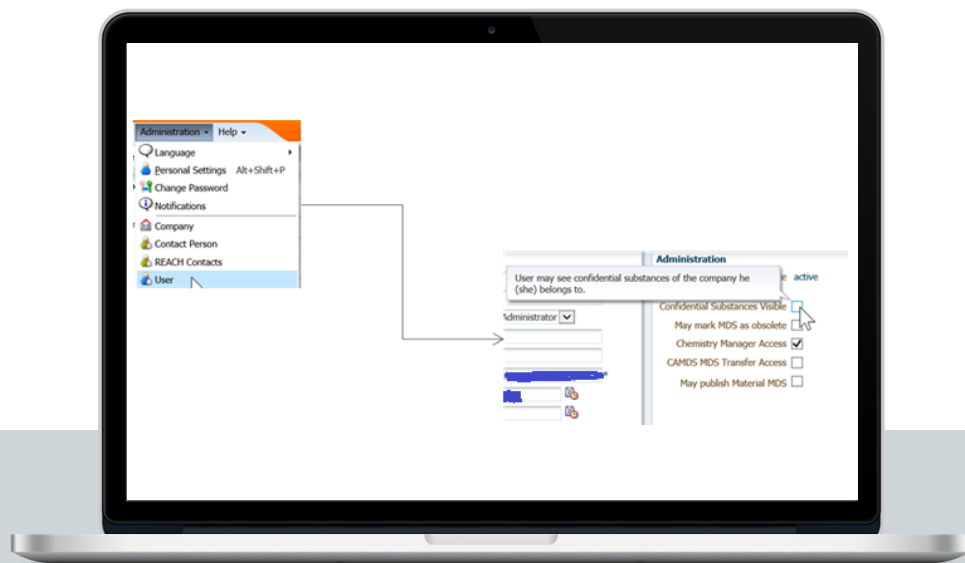
02

Configuration

Required pre-settings in IMDS/VW in-house system

03

04



IMPORTANT FOR DATA CREATORS

This function is not automatically available for every datasheet creator. Only the IMDS company administrator is able to authorize the data sheet creator. The system administrator has to enable the checkbox "Confidential substances visible".



IMPORTANT FOR TRUSTED USER

It is absolutely necessary that the personal settings of the VW employee allow the display of the personal data for the Trusted User functionality. This ensures that the supplier can select the TUs.



STRUCTURE OF THE APPLICATION GUIDE



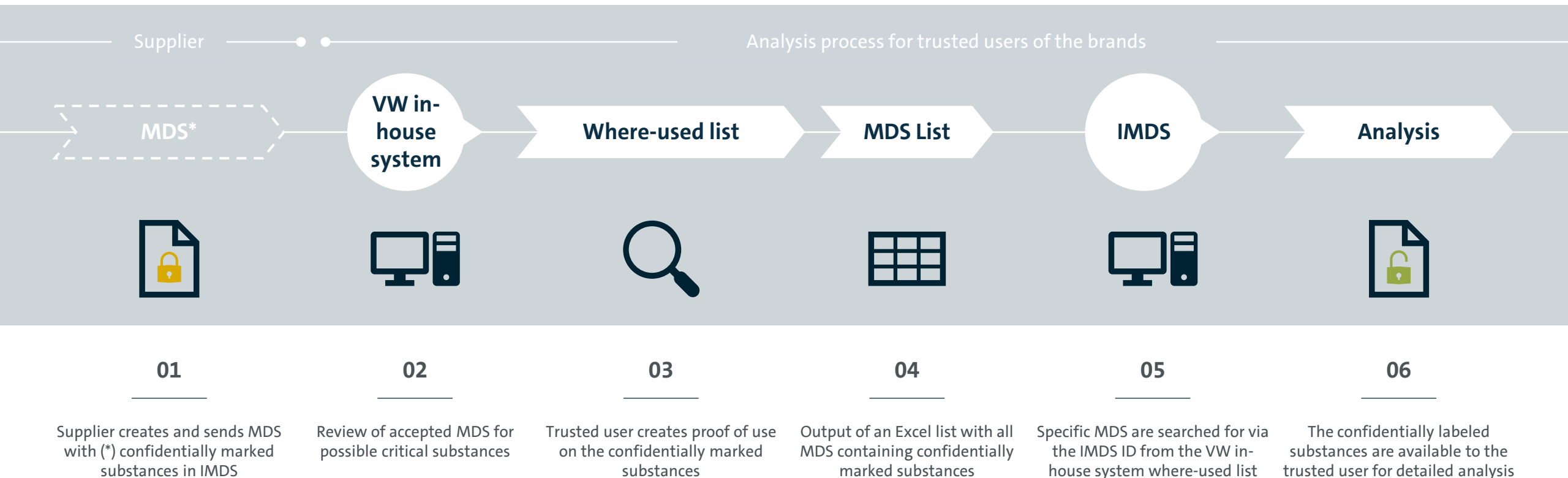
Application

Schematic flow of the analysis process for trusted users



03 | Application

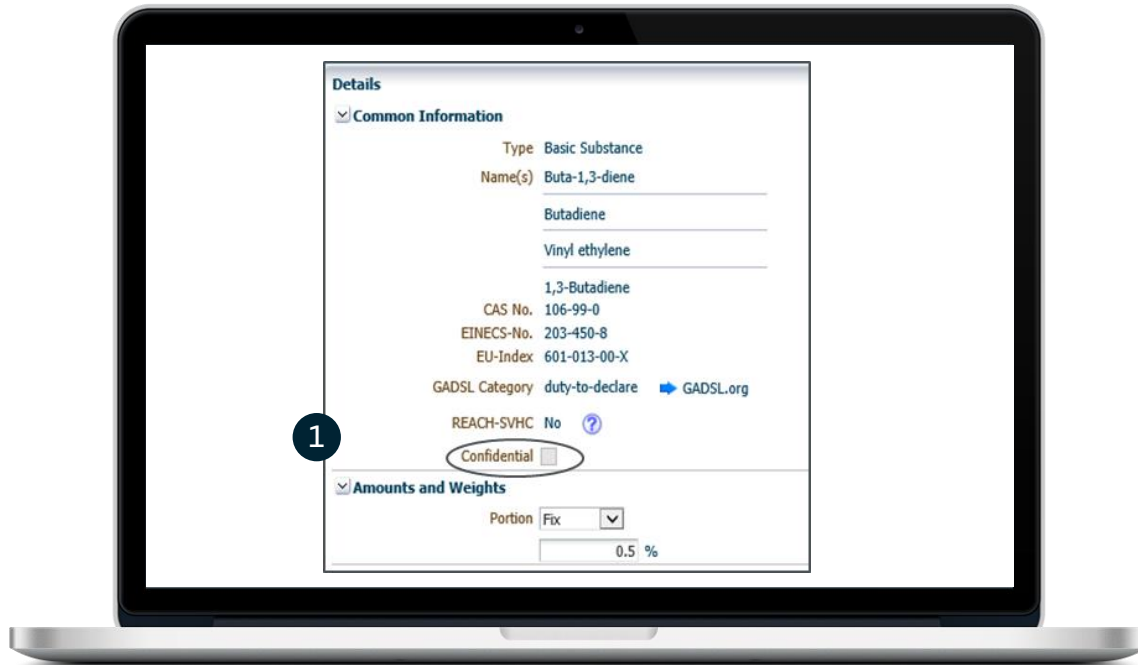
SCHEMATIC FLOW



Supplier

Analysis process for trusted users of the brands

MDS*



Mark confidential substances

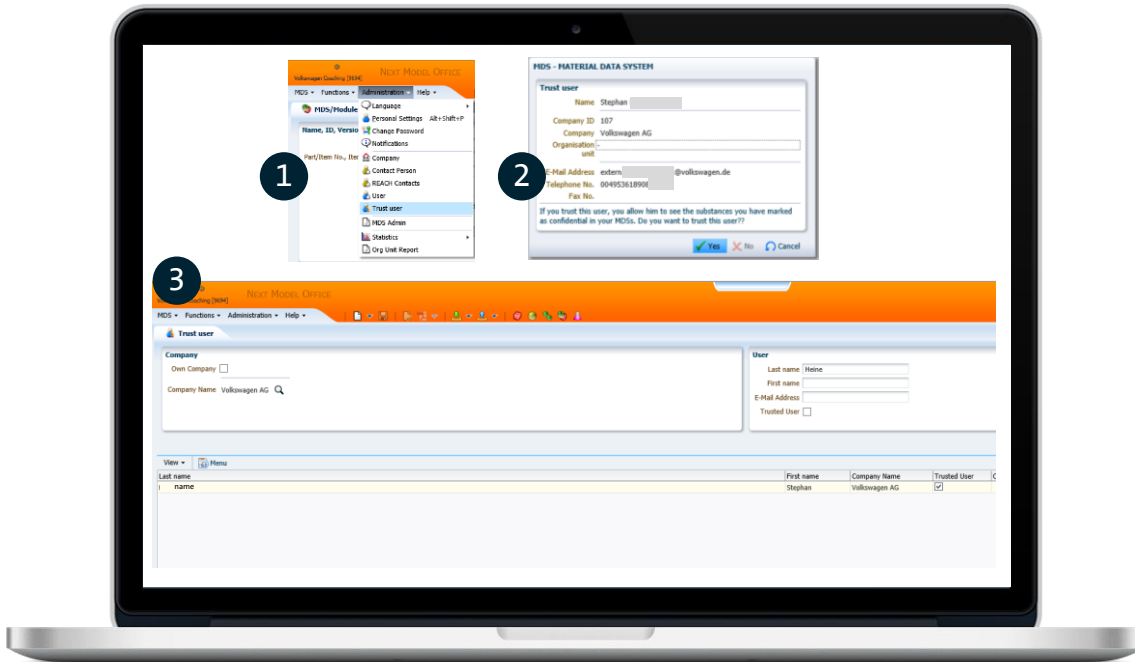
Material manufacturers can mark one or more substances as **"confidential"** when creating the material data sheet

- 1 Details > Common Information > Checkbox „confidential“

Supplier

Analysis process for trusted users of the brands

MDS*



Determine trusted user

Material manufacturers can **legitimize** a trusted user under MDS/Module.

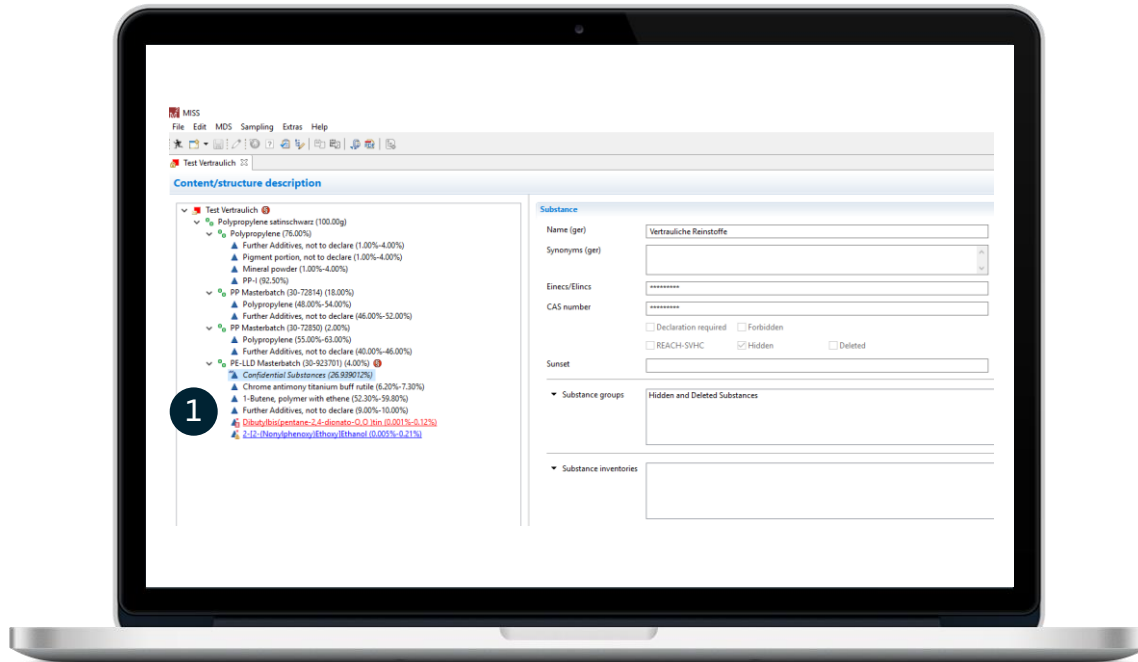
- 1 Administration > Trusted user
- 2 After company search choose trusted user und confirm
- 3 Trusted user in MDS

Supplier

Analysis process for trusted users of the brands

MDS*

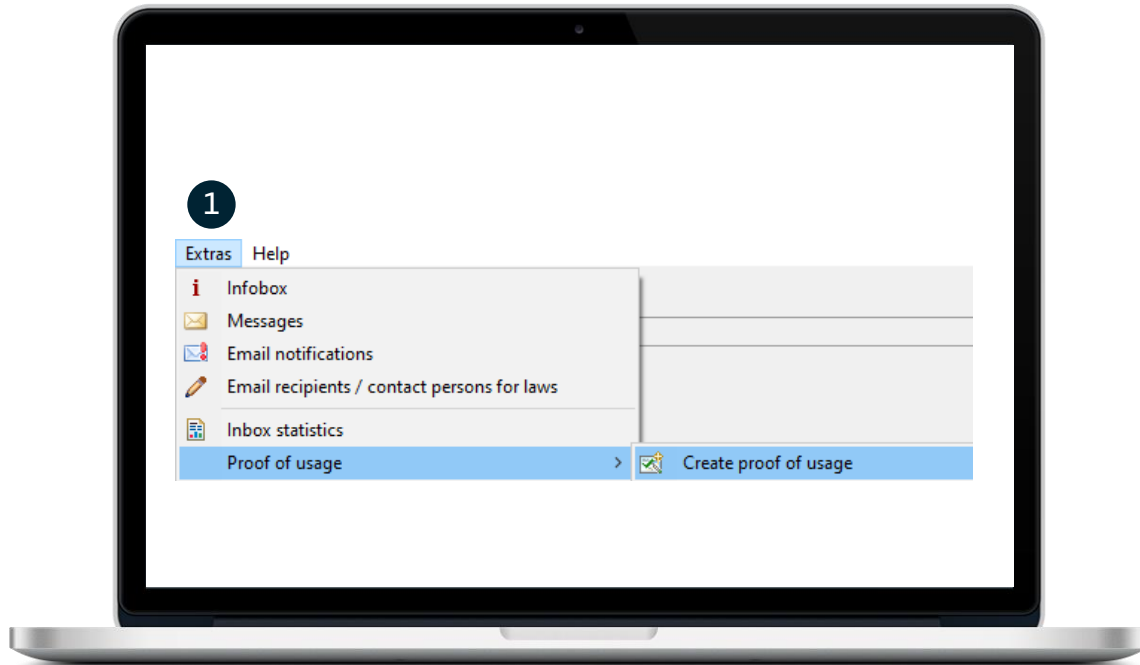
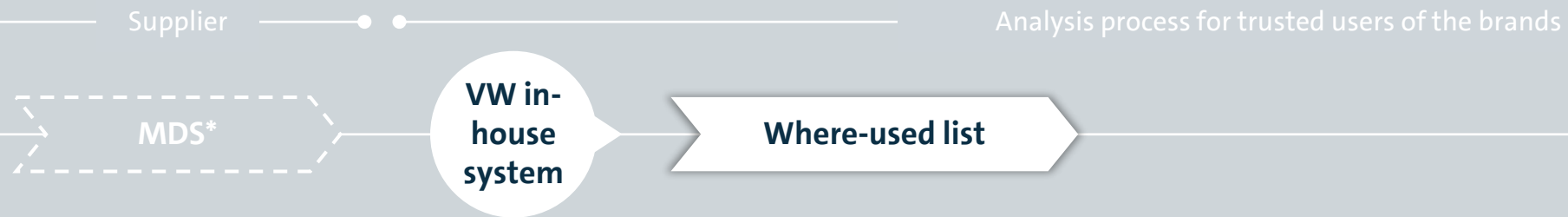
VW in-
house
system



Material data in VW in-house system

Confidential substances are **not accessible** in the VW in-house system (including database level)

- 1 Hidden material composition and CAS numbers



Create Where-used

Trusted user create in the VW in-house system a where-used list on the **confidentially** marked substances

- 1 (En) Extras > Create proof of usage

Supplier

Analysis process for trusted users of the brands

MDS*

VW in-
house
system

Where-used list

MDS List

1

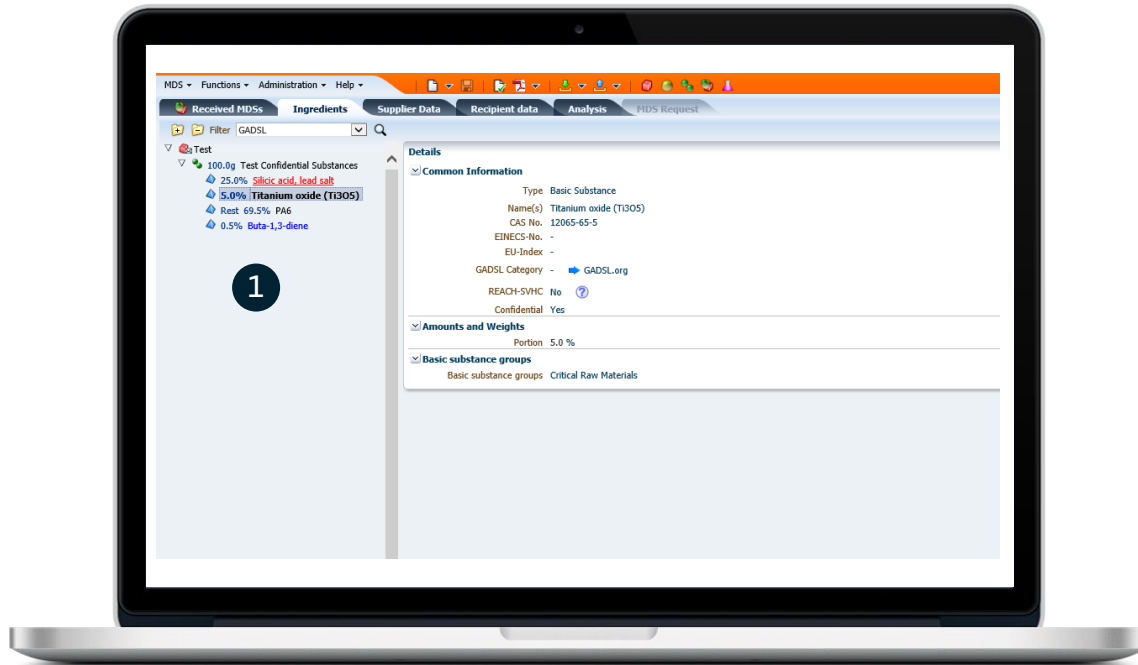
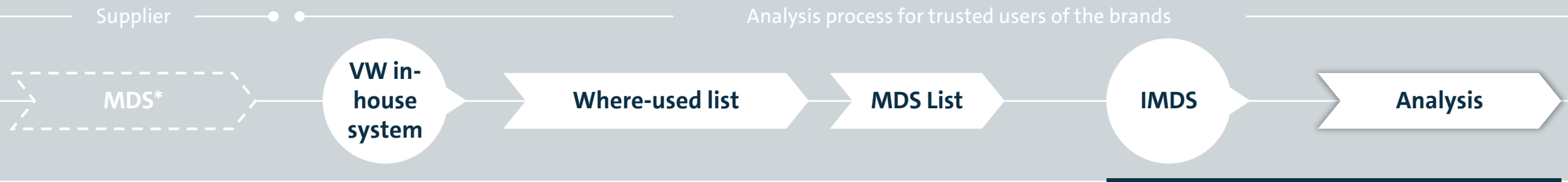
K	P	Q
IMDS-ID / Version	Reinstoff-Name	Reinstoff CAS-I
749053419 / 4.0	Vertrauliche Reinstoffe	*****
993011418 / 1.0	Vertrauliche Reinstoffe	*****
564412718 / 7.0	Vertrauliche Reinstoffe	*****

>>

Excel list output

Trusted users receive an Excel file from which the **name of the substance** and **the IMDS ID** can be taken for the next analysis step

- 1 List research and identification procedured in Excel



Analysis of confidential substances

Trusted users can view the **material declarations** and perform **occasion-related evaluations**

- 1 Either individual materials can be checked for confidential pure substances directly in the IMDS, but there will also be an analysis function via the where-used list in which specific confidential pure substances can be analyzed.

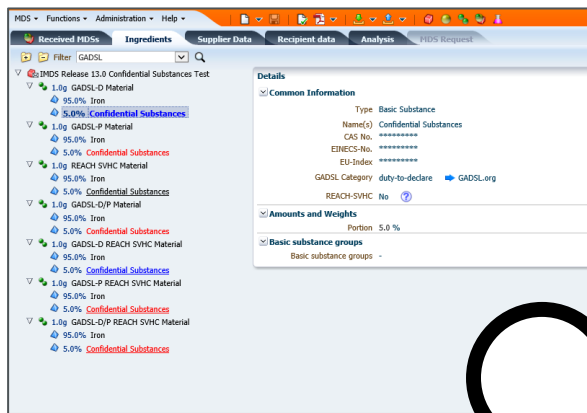
STRUCTURE OF THE APPLICATION GUIDE



Additional information

Notes for IMDS releases and NOT trusted users

04.01 | Additional information - IMDS Release 13: Change of confidential substance



Tab > „Ingredients“

INFO

As of Release 13: VW in-house system flag confidentially marked declarable substances.

User interface in IMDS	GADSL Category			REACH-SVHC*	
	duty-to-declare	prohibited	-	Yes	No
<u>Confidential Substances</u>	X			X	
<u>Confidential Substances</u>	X				X
<u>Confidential Substances</u>	X	X		X	
<u>Confidential Substances</u>	X	X			X
<u>Confidential Substances</u>		X		X	
<u>Confidential Substances</u>		X			X
<u>Confidential Substances</u>			X	X	
<u>Confidential Substances</u>			X		X

*Substance of Very High Concern

End