



ENGINEERING
TOMORROW



Material Data Reporting - IMDS

General guideline 2024

Guideline Overview

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Objectives and Key Points



Danfoss Objectives

- Strengthen Danfoss compliance processes
- Effectively follow up on customer / regulatory requirements
- Support Danfoss ESG ambitions

Key Message

Danfoss is accelerating at full speed on the transformation journey of sustainable technologies and solutions. Detailed knowledge of hazardous/critical substances in our products is imperative to achieve our goals. Tools for compliance data exchange have been designated to assist us in reaching this ambitious target.

Tools for Data reporting



CDX – [Go to Website](#)

is an abbreviation for Compliance Data Exchange system. It is a data exchange tool accessible as a portal, designed to satisfy latest regulatory requirements of various industries.

IMDS – [Go to Website](#)

an abbreviation for International Material Data System, represents the automotive industry's compliance data exchange tool. Given that multiple Danfoss customers are Automotive OEMs, we currently facilitate reporting through IMDS as part of our commitment to compliance.



Requested Data format

Material Datasheet (MDS) on Full Material Disclosure (FMD) Level

is a comprehensive and detailed disclosure of all the materials used in a product or a component. It includes information about the composition, concentration, and presence of specific substances in a product.

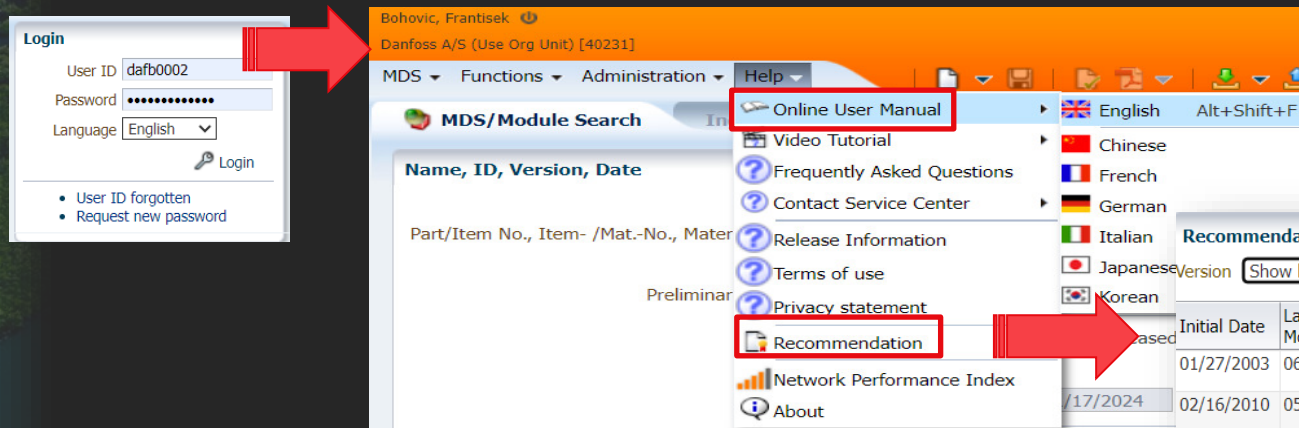
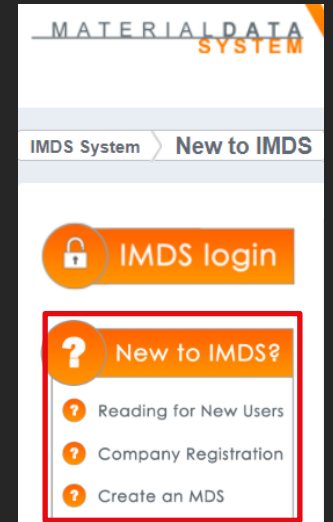
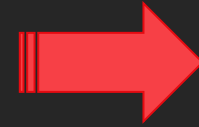
▼		O-ring NBR70 138x4
▼		6.1g NBR
		35.0 - 45.0% Carbon black
		1.0 - 3.0% Zinc oxide
		0.1 - 3.0% Thiram
		40.0 - 50.0% 2-Propenenitrile, polymer with 1,3-butadiene
		5.0 - 8.0% Further Additives, not to declare
		0.1 - 3.0% Sulphur



IMDS Reporting – Guide



1. If you are new to IMDS reporting, start with „NEW TO IMDS“ web page.
 - At the web page, you will get a basic insight into IMDS including:
 1. Reading for new users
 2. Company registration - step by step guide
 3. Create an MDS (Material Datasheet) - Step by step guide on creating material/component datasheet
2. After successful company registration, and reviewing „Create and MDS“ :
 - We strongly suggest to review General Structure Recommendations 001 & 001a after logging in.
 - Recommendations provide useful tips on required data structure



IMDS User Manual consolidates all relevant information at one place

Initial Date	Last Modification	Number	Title	Date	Download
01/27/2003	06/21/2023	IMDS 001	General Structure	06/21/2023 -	001 [pdf] (English)
02/16/2010	05/19/2021	IMDS 001a	General Structure Annex I	05/19/2021 -	001a [pdf] (English)

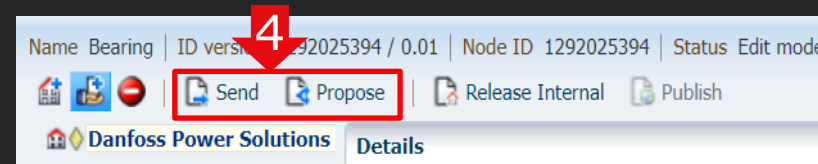
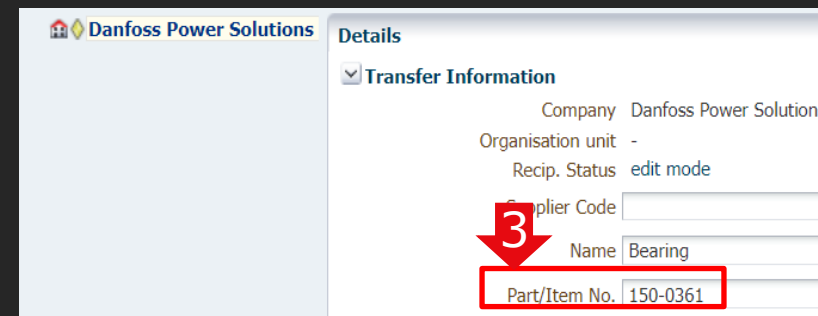
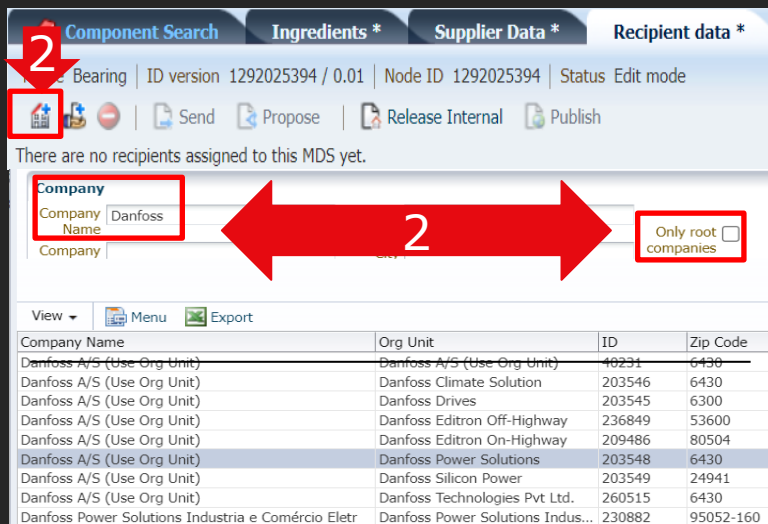
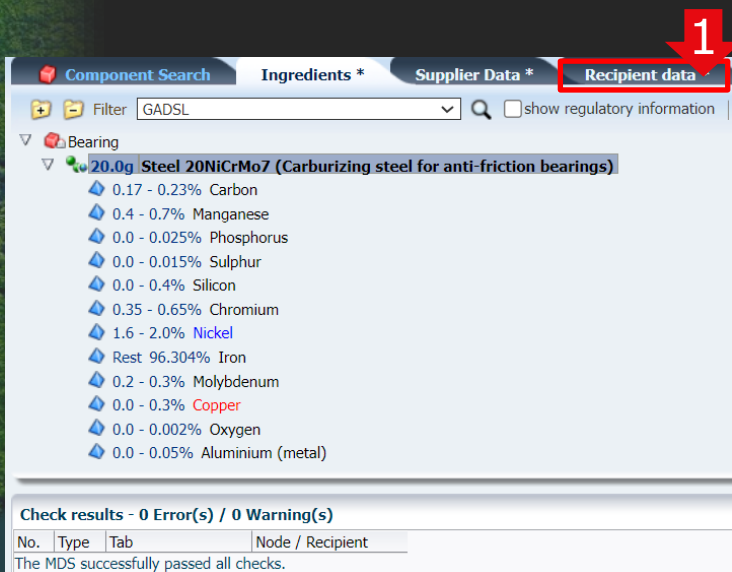


IMDS Reporting - Submission towards Danfoss



After successfully creating your component, you can submit to Danfoss for review:

1. Go to recipient data while editing your component
2. Add recipient based on which Danfoss organisation you supply to
3. Add Danfoss Part Number – enter a code which Danfoss uses to identify your component/material
4. Send or Propose your Datasheet to Danfoss for review



How to - submit data to Danfoss Direct Submission



After successfully creating your component, you can submit to Danfoss for review:

1. Go to recipient data while editing your component
2. Add recipient based on which Danfoss organisation you supply to / unmark „only root companies“
3. Add Danfoss Part Number – enter a code which Danfoss uses to identify your component/material
4. Send or Propose your Datasheet to Danfoss for review

The screenshots illustrate the steps for submitting data to Danfoss:

- Step 1:** The 'Recipient data' tab is selected in the 'Supplier Data' section.
- Step 2:** The 'Recipient data' form is shown with a table of Danfoss organizations. A red box highlights the 'Company Name' field, and another red box highlights the 'only root companies' checkbox, which is unchecked. A large red double-headed arrow labeled '2' spans across the table.
- Step 3:** The 'Transfer Information' section is shown with a red box around the 'Supplier Code' field and another red box around the 'Part/Item No.' field, which contains the value '150-0361'.
- Step 4:** The 'Send' and 'Propose' buttons are highlighted with a red box and a red arrow labeled '4'.

Danfoss Power Solutions IMDS ID: 203548	Danfoss Climate Solution IMDS ID: 203546	Danfoss Drives IMDS ID: 203545	Danfoss Silicon Power IMDS ID: 203549	Danfoss Technologies Pvt Ltd. IMDS ID: 260515	Danfoss EDITRON Off - Highway IMDS ID: 236849	Danfoss EDITRON On - Highway IMDS ID: 209486
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FAQ - FREQUENTLY ASKED QUESTIONS



- IMDS „FAQ“ section provides answers to common concerns and process related questions
 - Questions and Answers are categorized for easier reference.
 - You may also use the search tab for specific questions.



The screenshot shows the IMDS Material Data System search results for the term "confidential". The search bar at the top contains the word "confidential" and a search icon. Below the search bar, there are navigation tabs for "Home", "IMDS System", and "IMDS Advanced Solutions". The search results show 275 results for "confidential". Two results are visible:

- confidential**
Web Content Article · By Emil Abramov On Apr 16, 2013 11:43 AM
and confidential substances?...Now for the confidential substances....All other users will see is "confidential substances".
type: [GENERAL](#)
- What does 'Confidential substances' mean?**
Web Content Article · By Emil Abramov On Apr 17, 2013 6:19 AM
FAQS - GENERAL INFO What does 'Confidential substances' mean?...All other users see is 'Confidential Substances'....No joker/wildcard can be marked...
type: [GENERAL](#)

FAQ Categories
SCIP (Substances of Concern in Products)
E/E components / Recommendation IMDS019
Legislative Requirements (incl. GDPR and REACH)
User Accounts (IDs)
System Usage
IMDS Entry
Product Category Specific
MDS Ingredients Screen
Norms and Standards
IMDS Errors and Warnings
Communication
Materials
Basic Substances
IMDS Chemistry Manager



Additional support



- If more information/training needed, please contact your responsible Danfoss buyer.
- For more information
 - Visit [IMDS Login Webpage](#)
 - Visit [Supplier requirements](#) & [Product Compliance](#) on Danfoss.com
 - [IMDS Service Centers contacts](#)



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