



ENGINEERING  
TOMORROW

*Danfoss*

# Material Data Reporting - IMDS

General guideline 2024

# Guideline Overview

- Objectives and Key Points
- IMDS Reporting
  - Guide
  - Submission towards Danfoss
- FAQ
- Additional support

# 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.

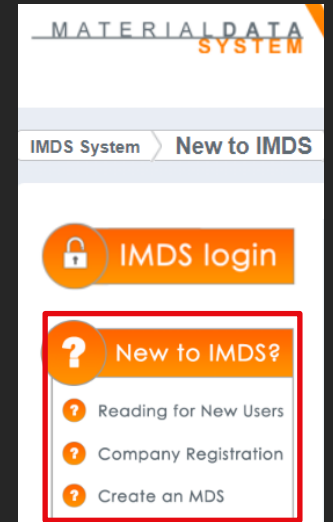
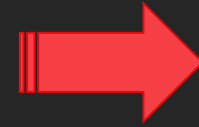
▼		<b>O-ring NBR70 138x4</b>
▼		6.1g NBR
		35.0 - 45.0% Carbon black
		1.0 - 3.0% Zinc oxide
		0.1 - 3.0% Thiram
		40.0 - 50.0% 2-Propenenitrile, polymer with 1,3-butadiene
		5.0 - 8.0% Further Additives, not to declare
		0.1 - 3.0% Sulphur



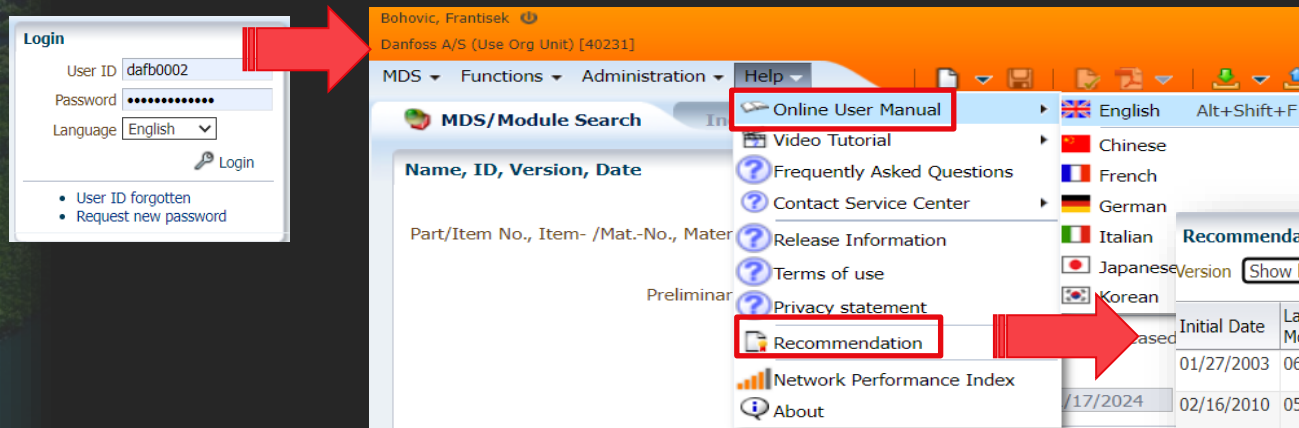
# IMDS Reporting – Guide



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)

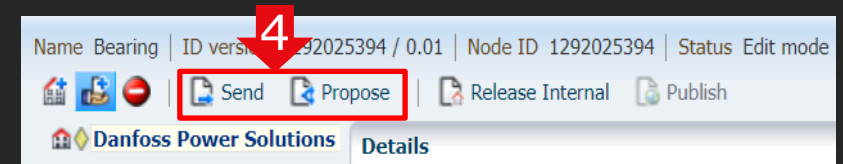
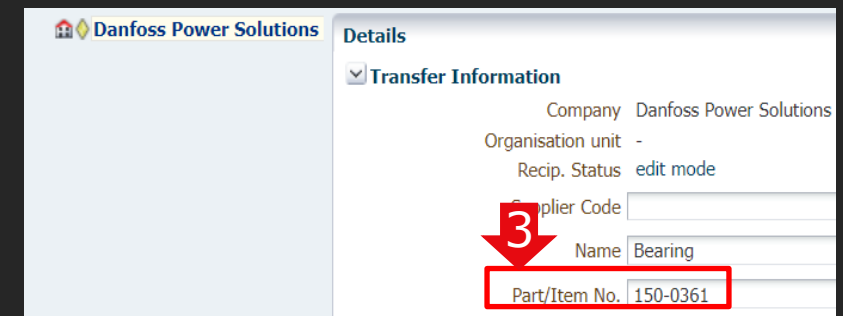
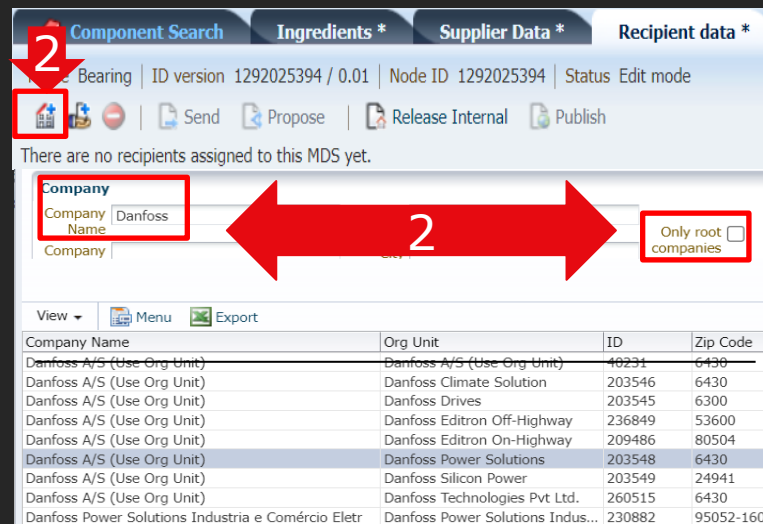
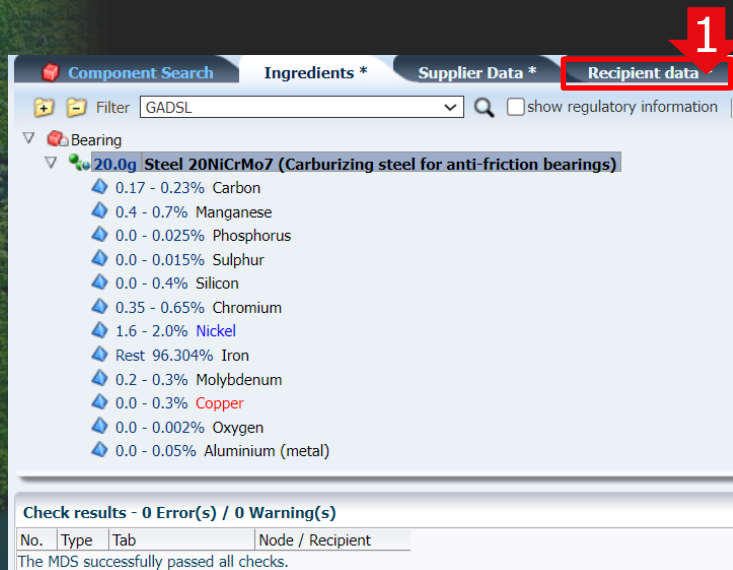


# IMDS Reporting - Submission towards Danfoss



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

**Step 1: Recipient data**

**Step 2: Add recipient**

Company Name	Org Unit	ID	Zip Code	City	State
Danfoss A/S	Danfoss A/S	8059	6430	Nordborg	
Danfoss A/S	Danfoss Climate Solutions	23051	6430	Nordborg	
Danfoss A/S	Danfoss Drives	30070		Gråsten	
Danfoss A/S	Danfoss Power Solutions	23049	6430	Nordborg	
Danfoss A/S	Danfoss Silicon Power	23048		Flensburg	
Danfoss A/S	Danfoss Technologies Pvt Ltd.	31779	411014	Magarpatta City	Pune

**Step 3: Transfer Information**

Company: Danfoss Power Solutions  
 Organisation unit: -  
 Recip. Status: edit mode  
 Supplier Code: [redacted]  
 Name: Bearing  
 Part/Item No.: 150-0361

**Step 4: Send/Propose**

<b>Danfoss Power Solutions</b> IMDS ID: 203548	<b>Danfoss Climate Solution</b> IMDS ID: 203546	<b>Danfoss Drives</b> IMDS ID: 203545	<b>Danfoss Silicon Power</b> IMDS ID: 203549	<b>Danfoss Technologies Pvt Ltd.</b> IMDS ID: 260515	<b>Danfoss EDITRON Off - Highway</b> IMDS ID: 236849	<b>Danfoss EDITRON On - Highway</b> 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 are displayed in a list format, with two results visible. Each result includes a document icon, the search term "confidential", the title "Web Content Article", the author "By Emil Abramov", the date "On Apr 16, 2013 11:43 AM", and a snippet of the article text. The type of each result is listed as "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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