





Material Data Reporting - IMDS General guideline 2024

Guideline Overview

- Objectives and Key Points
- IMDS Reporting
 - Guide
 - Submission towards Danfoss
- <u>FAQ</u>
- 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 lastest regulatory reguirements 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 <u>"NEW TO IMDS</u>" web page.
 - At the web page, you will get a basic insight into IMDS including:
 - 1. Reading for new users

Login

User ID dafb0002

Password •••••••

Language English V

· User ID forgotten

Request new password

🔎 Loair

2. Company registration - step by step guide

ohovic, Frantisek 😃

Danfoss A/S (Use Org Unit) [40231]

MDS/Module Search

Name, ID, Version, Date

MDS - Functions - Administration -

- 3. Create an MDS (Material Datasheet) Step by step guide on creating material/component datasheet
- 2. After successful <u>company registration</u>, and reviewing <u>"Create and MDS</u>":
 - We strongly suggest to review General Structure Recommendations 001 & 001a after logging in.

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Alt+Shift+F

Recommendation Japaneseversion Show latest versions

Initial Date Last Modification

01/27/2003 06/21/2023 IMDS 001

Number

02/16/2010 05/19/2021 IMDS 001a General Structure Annex 1

Chinese

French

Italian

Korean

17/2024

German

Online User Manual

Contact Service Center

Recommendation

Network Performance Index

Prequently Asked Ouestions

🛅 Video Tutorial

Terms of use

Preliminar <u>Privacy statement</u>

About

Recommendations provide useful tips on required data structure

Part/Item No., Item- /Mat.-No., Mater 🕜 Release Information

IMDS User Manual consolidates all

relevant information at one place

Date

06/21/2023

05/19/2021

Q Show

✓ 01/17/2024 🖾

General Structure

Title



📆 001 [pdf] (English)

📆 001a [pdf] (English)

Download

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IMDS Reporting - Submission towards Danfoss



After succesfully 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

Component Search Ingredients * Supplier Data * Recipient data	Component Search Ingredients	* Supplier Data *	Recipie	ent data *	☆ ♦ Danfoss Power Solutions	Details
	Bearing ID version 1292025394 / 0.01	Node ID 1292025394 State	us Edit moo	de		Transfer Information Company Danfoss Power Solutions
 	There are no recipients assigned to this MDS yet.					Organisation unit - Recip. Status edit mode
 ↓ 0.0 - 0.025% Phosphorus ↓ 0.0 - 0.015% Sulphur ↓ 0.0 - 0.4% Silicon ↓ 0.35 - 0.65% Chromium ↓ 1.6 - 2.0% Nickel 	Company Company Danfoss Name Company	2	Or com	nly root 🗍 npanies		Name Bearing
 ✓ Rest 96.304% Iron ✓ 0.2 - 0.3% Molybdenum ✓ 0.0 - 0.3% Copper ✓ 0.0 - 0.002% Oxygen 	View - Annu Export Company Name Danfoss A/S (Use Org Unit) Danfoss A/S (Use Org Unit)	Org Unit Danfoss A/S (Use Org Unit) Danfoss Climate Solution	ID 40231 203546	Zip Code 6430 6430	Name Bearing ID vers 4	025394 / 0.01 Node ID 1292025394 Status Edit mode
🔷 0.0 - 0.05% Aluminium (metal)	Danfoss A/S (Use Org Unit) Danfoss A/S (Use Org Unit) Danfoss A/S (Use Org Unit)	Danfoss Drives Danfoss Editron Off-Highway Danfoss Editron On-Highway	203545 236849 209486	6300 53600 80504	inter bearing in version 252	Propose CR Release Internal CR Publish
Check results - 0 Error(s) / 0 Warning(s) No. Type Tab Node / Recipient	Danfoss A/S (Use Org Unit) Danfoss A/S (Use Org Unit) Danfoss A/S (Use Org Unit)	Danfoss Power Solutions Danfoss Silicon Power Danfoss Technologies Pvt Ltd.	203548 203549 260515	6430 24941 6430	☆ ♦ Danfoss Power Solution	s Details
The MDS successfully passed all checks.	Danfoss Power Solutions Industria e Comércio Eletr	Danfoss Power Solutions Indus	230882	95052-160		



How to - submit data to Danfoss Direct Submission



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

- 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
- Send or Propose your Datasheet to Danfoss for review

Component Search Ingredients * Supplier Data Recipient data *	Component Search Ingred	ients * Supplier Data *	Recipient data *	Danfoss Power Solutions	Details		
Filter GADSL Q show regulatory information	Bearing ID version 1292025394 /	0.01 Node ID 1292025394 St	atus Edit mode		✓ Transfer Information		
V C Bearing							
V Carburizing steel for anti-friction bearings	🔛 🔛 🥥 🛛 🛄 Send 🛛 🗟 Propose	🛛 🚺 Release Internal 🛛 🚺 Pub	lish		Company Danfoss Power Solutions		
📣 0.17 - 0.23% Carbon					Organisation unit -		
🔷 0.4 - 0.7% Manganese	There are no recipients assigned to this MDS	o yet.			Recip Status edit m		
4 0.0 - 0.025% Phosphorus	CDX - Compliance Data Exchange						
📣 0.0 - 0.015% Sulphur	Company				Supplier Code		
📣 0.0 - 0.4% Silicon	Company Name Danfoss	Zip Code	User Name				
4 0.35 - 0.65% Chromium	Company 10	City	User ID		Name Bearing		
1.6 - 2.0% Nickel	Org Unit	2					
A Rest 96.304% Iron	DUNS Number	2	only root		Part/Item No. 150-0361		
\wedge 0.2 - 0.3% Molybdanum	IMDS Company	Supplier Code	similar				
40.0 - 0.3% Copper	ID		companies				
0.0 - 0.002% Oxygen	View - 🔝 Menu 🔀 Export	_					
V.0 - 0.05% Aluminium (metal)	Company Name 🛆 🗸 Org Unit	ID Zip Code	City State	Name Bearing Tersion 12920	125394 / 0.01 Node ID 1292025394 Status Edit mode		
	Danfoss A/S Danfoss A/S	8059 6430	Nordborg		I Data and Data		
Check results - 0 Error(s) / 0 Warning(s)	Danfoss A/S Danfoss Climate Solutions	23051 6430	Nordborg	📲 🔝 🕶 📔 🞑 Send 💽 P	rop <mark>o</mark> se 🔰 🛃 Release Internal 🛛 🚺 Publish		
	Danfoss A/S Danfoss Power Solutions	23049 6430	Nordborg				
No. lype lab Node / Recipient	Danfoss A/S Danfoss Silicon Power	23048	Flensburg	Danfoss Power Solutions	Details		
The MDS successfully passed all checks.	Danfoss A/S Danfoss Technologies Pvt Ltd.	31779 411014	Magarpatta City Pune		Details		

Danfoss Power	Danfoss Climate	Danfoss	Danfoss Silicon	Danfoss Technologies	Danfoss EDITRON	Danfoss EDITRON	1
Solutions	Solution	Drives	Power	Pvt Ltd.	Off - Highway	On - Highway	
IMDS ID: 203548	IMDS ID: 203546	IMDS ID: 203545	IMDS ID: 203549	IMDS ID: 260515	IMDS ID: 236849	IMDS ID: 209486	



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.

	、 、		Confidentia	a	کر <u>Sitemap</u>
275 Results for confidential	н	ome	IMDS System	IMDS Adva	nced Solutions

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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