

Availability:
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Master Document: **Negative List for Substances and Materials**

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Most recent change history:

Revision	Description of Change
A to B	The content is completely revised. The Black and Grey lists are totally revised and extended. Both lists are now available on Procurement's webpage.

Changes in relation to previous issue are written with red, alternatively for figures and tables with a red frame around

Negative List for Substances and Materials

1 SCOPE

This standard bans or restricts the use of chemical substances in Sauer-Danfoss' products and production processes and by Sauer-Danfoss' suppliers, contractors and tenants.

2 FIELD OF APPLICATION

This standard shall be complied with throughout the entire Sauer-Danfoss Group and by all tenants, suppliers and contractors working at Sauer-Danfoss premises.

3 RESPONSIBILITIES

The top management of each organisational unit (business area (BA) or functional area) shall ensure compliance with all requirements in this global standard.

The management of all tenants and suppliers/contractors working at Sauer-Danfoss premises has the responsibility for ensuring compliance with this standard.

4 THE NEGATIVE LIST

The chemical substances embraced by this global standard are listed in two lists

- The Black List (banned substances)
- The Grey List (restricted substances).

The lists are available in detailed form on the Internet:

<http://www.sauer-danfoss.com/Procurement/InformationDownloads/GlobalStandards/index.htm>.

4.1 The Black List (banned substances)

Banned substances shall under no circumstances be present in products supplied to the market, nor in products purchased from our suppliers.

Banned substances shall not be used in production or maintenance processes at Sauer-Danfoss factories neither in pure form nor in mixtures with other substances.

When testing the product for substances, the concentrations of naturally occurring contaminants and not intentionally added substances must not exceed the limits listed in the tables on the Internet.

4.2 The Grey List (restricted substances)

The use of restricted substances shall be avoided wherever possible, or minimized if they cannot be avoided for technical or reliability reasons.

Substances on the Grey List shall, as a general rule, not be introduced when developing new products or processes.

Some restricted substances are allowed for use under specific circumstances but should be phased out, if possible, and replaced with technically and economically acceptable alternatives. The alternative must be environmentally friendlier than the substituted substance.

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5 CONCESSIONS

Concessions from the requirements in the Black List can only be granted by Sauer-Danfoss' Global EH&S Manager or individuals/departments authorized by him.

Concessions shall be limited in time of use or amount of use and shall be documented and retained for a period of 5 years in Sauer-Danfoss' Concession database.

6 REQUIREMENTS WITHIN THE SAUER-DANFOSS ORGANISATION

Each BA Director will on an annual basis be asked to sign a compliance statement for GS-0057.

6.1 General requirements

This global standard shall be complied with in all activities involving chemical substances (i.e. design of products or production equipment, planning, supplier handling, maintenance and construction activities).

This global standard does not supersede any national environmental regulation that is more restrictive than the requirements in this standard.

The bans and restrictions on use of chemical substances are all-embracing and cover substances used for Sauer-Danfoss products and items for maintenance, repair and operation (e.g. tools, furniture and lubricants) as well as all production processes used during manufacturing of the products.

Processes using banned chemicals must not be moved to suppliers or subcontractors and it is not allowed to specify the use of banned chemicals at a supplier or subcontractor.

All Sauer-Danfoss companies must strive to substitute restricted chemicals by less harmful ones.

If new substances are put on the Black List, all Sauer-Danfoss companies must ensure that the new substance is removed from products and processes within a time period not exceeding one year.

6.2 New members of the Sauer-Danfoss Group

New members of the Sauer-Danfoss Group shall immediately comply with this global standard. If immediate compliance is not possible for technical reasons, action plans for compliance approved by the general manager must be implemented within a limited time period but not exceeding one year.

6.3 Evaluation of substances

In revising existing products and production processes the environmental evaluation of every potential hazardous substance and/or material against the criteria in this global standard is required.

For new substances and materials not mentioned in this standard an environmental, health and safety (EH&S) evaluation is mandatory before use of the substances.

The use of substances and materials must as a minimum comply with relevant national and international legislation including European Union directives and regulations.

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7 REQUIREMENTS FOR SUPPLIERS, CONTRACTORS AND TENANTS**7.1 General requirements**

If new substances are put on the Black List, all suppliers and subcontractors must ensure that the new substance is removed from products delivered to Sauer-Danfoss within a time period not exceeding one year.

Suppliers shall respect the Sauer-Danfoss Code of Conduct for Suppliers. If the supplier is not complying with this code an action plan for compliance must be drawn up.

7.2 Suppliers and subcontractors

Suppliers and subcontractors to Sauer-Danfoss are required to comply with the Black list and shall on request be able to document the type and amount of any hazardous substances present in materials, subassemblies or components and used in processes.

Suppliers and subcontractors must not supply products, components or materials containing substances on the Black List to Sauer-Danfoss.

Suppliers and subcontractors must not use any chemicals from the Black List in processes manufacturing parts for Sauer-Danfoss unless the chemicals are used in accordance with local legislation and when it has been ensured that the suppliers' employees are properly protected against any harmful effects of the chemicals.

The Negative List is part of Sauer-Danfoss Procurement's audit.

7.3 Contractors, tenants and their suppliers

Contractors, tenants or their suppliers working at Sauer-Danfoss' locations must not bring substances on the Black List onto Sauer-Danfoss premises.

Substances on the Grey List shall be avoided wherever possible, or the use minimized if they cannot be avoided for technical or reliability reasons.

7.4 Commitment to the Negative List

All suppliers, subcontractors, contractors, tenants or their suppliers working at Sauer-Danfoss' locations are responsible for keeping themselves updated with the current version of the Negative List. The Black List as well as the Grey List is available on <http://www.sauer-danfoss.com/Procurement/InformationDownloads/GlobalStandards/index.htm>.

8 REFERENCES

[The global Sauer-Danfoss Environment, Health and Safety Philosophy](#)

[The Sauer-Danfoss Code of Conduct for Suppliers](#)

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