

“SIN List” substances

In 2024, the “SIN List,” which has been developed by the non-profit organization ChemSec, contained more than 900 substances, of which 135 were ascribed to BASF. This attribution is based on publicly available information, which leads to inaccuracies and misinterpretations.

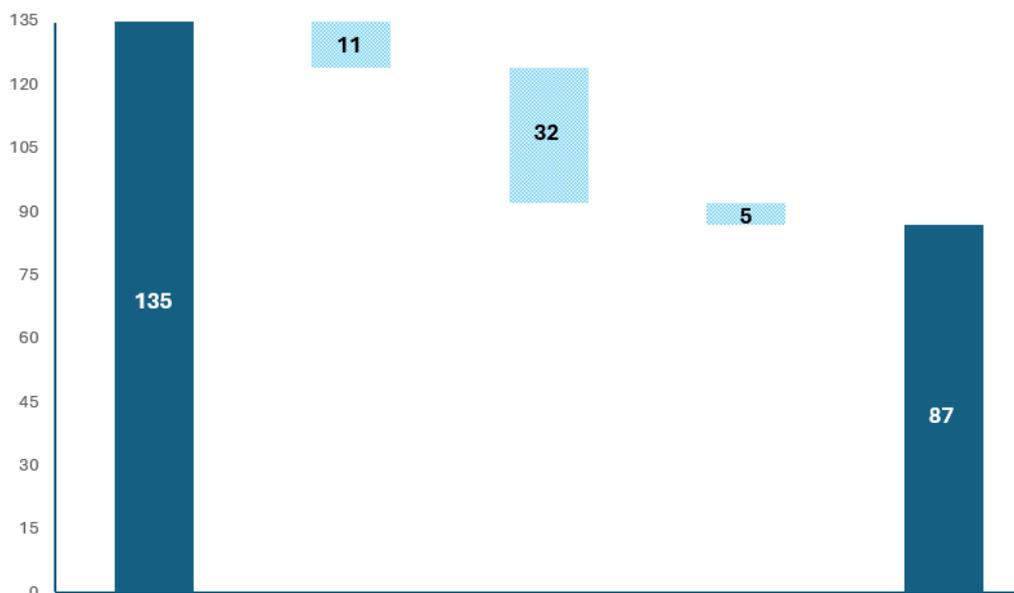
In order to provide more transparency, BASF has conducted a global analysis of its product portfolio and has identified 48 substances assigned to BASF that in our view do not meet ChemSec’s criteria for nomination to the “SIN List.”

These are:

- 11 substances that are not part of BASF’s portfolio
- 32 substances that do not justify inclusion on the “SIN List” because they are used as processing agents¹ or intermediates or may be present as impurities in products sold to the market at or below legally permitted concentrations
- 5 substances that are not classified in a hazard category relevant for nomination to the “SIN List”

¹ In chemistry, a processing agent is a substance used in a chemical process to facilitate or enhance the reaction, purification or transformation of other substances but is not consumed or incorporated into the final product. Essentially, it aids the process without becoming part of the finished material.

This reduces the number of substances ascribed to BASF on the “SIN List” from 135 to 87. Our production processes comply with environmental legislation for these strictly regulated substances.



This analysis, which BASF plans to repeat on an annual basis, should not be considered as an indication that we support ChemSec’s methodology or their substitution approach. We will continue to engage with ChemSec to share our expertise and question their methodology.

Substances that are not part of BASF's portfolio

The following 11 substances are not sold by BASF:

CAS number	Substance name
68515-51-5	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters
145022-44-2	1H-Imidazolium, 3-ethyl-1-methyl-, 1,1,1-trifluoromethanesulfonate (1:1)
88-72-2	2-Nitrotoluene
68477-38-3	Distillates (petroleum), cracked steam-cracked petroleum distillates
95465-89-7	Hydrocarbons, C4, 1,3-butadiene- and isobutene-free
92045-23-3	Hydrocarbons, C4, steam-cracker distillate
68476-55-1	Hydrocarbons, C5-rich
301-04-2	Lead di(acetate)
33454-82-9	Lithium trifluoromethanesulphonate
103055-07-8	N-[2,5-Dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)-phenyl-aminocarbonyl]-2,6-difluorobenzamide
64742-83-2	Naphtha (petroleum), light steam-cracked

Substances that are used as processing agents or as intermediates or that may be present as impurities in products sold to the market at or below legally permitted concentrations

Inclusion on the "SIN List" is not justified for the following 32 substances because they are used as processing agents, are consumed during chemical reactions and converted into other substances, or may be present as impurities in products sold to the market at or below legally permitted concentrations:

CAS number	Substance name
43100-47-6	[1,1':3',1''-Terphenyl]-2'-ol, 5',5'''-(2,2,2-trifluoro-1-methylethylidene)bis-
421-50-1	1,1,1-Trifluoroacetone
120-82-1	1,2,4-Trichlorobenzene
629-14-1	1,2-Diethoxyethane
110-71-4	1,2-Dimethoxyethane
106-89-8	1-Chloro-2,3-epoxypropane
3033-77-0	2,3-Epoxypropyltrimethylammonium chloride
71868-10-5	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol
101-77-9	4,4'-Methylenedianiline, MDA
95-80-7	4-Methyl-m-phenylenediamine
79-06-1	Acrylamide
107-13-1	Acrylonitrile
142844-00-6	Aluminosilicate Refractory Ceramic Fibres
151-56-4	Aziridine
80-09-1	Bisphenol S
106-99-0	Buta-1,3-diene
630-08-0	Carbon monoxide
25376-45-8	Diaminotoluene
1417782-28-5	Ethanone, 1-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-
75-21-8	Ethylene oxide
68606-10-0	Gasoline, pyrolysis, debutanizer bottoms
302-01-2	Hydrazine
75-56-9	Methyloxirane
68527-23-1	Naphtha (petroleum), light steam-cracked arom.
64741-46-4	Naphtha (petroleum), light straight-run
64741-47-5	Natural gas condensates (petroleum)
98-95-3	Nitrobenzene
95-53-4	o-Toluidine
100-42-5	Styrene
61571-06-0	Tetrahydrothiopyran-3-carboxaldehyde
354-32-5	Trifluoroacetyl chloride

Other non-eligible substances

The "SIN List" contains five substances that are not classified in a hazard category relevant for nomination in the "SIN List" (CMR cat. 1, PBT, PMT, vPvB, ED cat. 1):

CAS number	Substance name
1309-64-4	Antimony trioxide
75-15-0	Carbon disulphide
3520-72-7	4,4'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]
28553-12-0	Diisononyl phthalate
3648-20-2	Diundecyl phthalate, DuDP, branched and linear