



Version: March 25, 2024

REGULATORY DATA SHEET (RDS)
(For the SABIC Chemicals Strategic Business Unit)

Dear Most Valued Customer,

Thank you for using SABIC products.

This Regulatory Data Sheet (RDS) is specific to **SABIC® Ethanolamines**, in the following also referred to as SABIC Products.

This RDS applies to all SABIC® Ethanolamine grades as listed below:

- SABIC® DEA 99 (Diethanolamine) CAS No. 111-42-2
- SABIC® MEA 99 (Monoethanolamine) CAS No. 141-43-5
- SABIC® TEA 99 (Triethanolamine) CAS No. 102-71-6

The following content is covered in this RDS:

- Global Chemical Inventory Compliance
- EU RoHS / ELV
- EU Packaging Directive
- Phthalates
- EU REACH Declaration
- EU REACH SVHC
- Conflict Minerals
- Animal origin, TSE / BSE / GMO
- Good Manufacturing Practice (GMP)
- Nitrosamine Content
- Cosmetics Regulation
- Composition Statement
- POPs
- Ozone Depleting Substances (Class I and II)
- Zero Discharge of Hazardous Chemicals (ZDHC)
- Nanomaterials/ radioactive materials
- Certain restricted substances
- General information



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Status with respect to Global Chemical Inventory Compliance

SABIC® MEA 99, CAS No. 111-42-2, such as produced by SABIC, is listed or exempted from listing in the following chemical inventories:

Country	Inventory	Status
Australia	AIIS	All components are listed or exempted
Canada	DSL	All components are listed or exempted
China	IECSC	All components are listed or exempted
Japan	ENCS	All components are listed or exempted
Japan	IHSL	All components are listed or exempted
Korea	KECI	All components are listed or exempted
New Zealand	NZIoC	All components are listed or exempted
Philippines	PICCS	All components are listed or exempted
Malaysia	EHS Register	All components are listed or exempted
Europe	EU Inventory	All components are listed or exempted
Taiwan	TCSI	All components are listed or exempted
Turkey	Turk REACH KKDIK	All components are listed or exempted
United States of America (USA)	TSCA	All components are listed or exempted

SABIC® DEA 99, CAS No. 141-43-5, such as produced by SABIC, is listed or exempted from listing in the following chemical inventories:

Country	Inventory	Status
Australia	AIIS	All components are listed or exempted
Canada	DSL	All components are listed or exempted
China	IECSC	All components are listed or exempted
Japan	ENCS	All components are listed or exempted
Japan	IHSL	All components are listed or exempted
Korea	KECI	All components are listed or exempted
New Zealand	NZIoC	All components are listed or exempted
Philippines	PICCS	All components are listed or exempted
Malaysia	EHS Register	All components are listed or exempted
Europe	EU Inventory	All components are listed or exempted
Taiwan	TCSI	All components are listed or exempted
Turkey	Turk REACH KKDIK	All components are listed or exempted
United States of America (USA)	TSCA	All components are listed or exempted

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SABIC® TEA 99, CAS No. 102-71-6, such as produced by SABIC, is listed or exempted from listing in the following chemical inventories:

Country	Inventory	Status
Australia	AIIS	All components are listed or exempted
Canada	DSL	All components are listed or exempted
China	IECSC	All components are listed or exempted
Japan	ENCS	All components are listed or exempted
Japan	IHSL	All components are listed or exempted
Korea	KECI	All components are listed or exempted
New Zealand	NZIoC	All components are listed or exempted
Philippines	PICCS	All components are listed or exempted
Malaysia	EHS Register	All components are listed or exempted
Europe	EU Inventory	All components are listed or exempted
Taiwan	TCSI	All components are listed or exempted
Turkey	Turk REACH KKDIK	All components are listed or exempted
United States of America (USA)	TSCA	All components are listed or exempted

Status with respect to EU RoHS / ELV

The SABIC Products do not contain restricted substances mentioned below as intentionally added components or as expected process impurity [above the threshold limit of 0.1% w/w (each) except Cadmium, which has a threshold limit of 0.01% w/w], with reference to:

1. EU Directive 2002/95/EC of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (**RoHS 1**), recast by European Directive 2011/65/EU (**RoHS 2**), amended by European Directive (EU) 2015/863 of 31 March 2015 (**RoHS 2 amendment**), up to and including up to and including Commission Delegated Directive (EU) 2023/171 of 26 January 2023.
2. EU Directive 2000/53/EC of 18 September 2000 on end-of life vehicles (**ELV**), up to and including Commission Delegated Directive (EU) 2020/363 of 19 December, 2020.
 - Lead and its compounds
 - Mercury and its compounds
 - Hexavalent Chromium compounds
 - Cadmium and its compounds
 - Polybrominated biphenyls (PBBs)
 - Polybrominated diphenyl ethers (PBDEs)
 - Bis (2-ethylhexyl) phthalate (DEHP)
 - Dibutyl phthalate (DBP)
 - Diisobutyl phthalate

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Status with respect to EU Packaging Directive

Packaging of the SABIC Products does not contain restricted substances mentioned below as intentionally added components [above 0.01% w/w (sum of concentration levels, if applicable)], with reference to EU Directive 94/62/EC of 20 December 1994 on packaging and packaging waste (**PPW**), up to and including EU Directive (EU) 2018/852 of 30 May 2018:

- Lead and its compounds
- Mercury and its compounds
- Hexavalent Chromium compounds
- Cadmium and its compounds

Status with respect to Phthalates

The SABIC Products do not contain restricted substances mentioned below as intentionally added components or as expected process impurities [above 0.1% w/w (each) threshold limits] which refers to Phthalates regulations (EU Directive 2005/84/EC, EU REACH Annex XVII, USA EPA Phthalates Action Plan 2012).

- Butyl benzyl phthalates (BPP)
- Di-n-butyl phthalate (DBP)
- Di(2-ethylhexyl) phthalate DEHP)
- Di-isononyl phthalate (DINP)
- Di-isodecyl phthalate (DIDP)
- Di-n-octyl phthalate (DNOP)
- Diisobutyl phthalate (DIBP)

Status with respect to EU REACH

PLEASE NOTE CAREFULLY THAT THIS DECLARATION ONLY APPLIES TO CUSTOMERS THAT HAVE PURCHASED A SABIC PRODUCT DIRECTLY FROM ONE OF THE SUBSIDIARIES OR AFFILIATES OF SAUDI BASIC INDUSTRIES CORPORATION (SABIC) WITH SEAT IN THE EUROPEAN UNION (EU).

SABIC (NOR ITS AFFILIATES) DOES NOT ASSUME ANY RESPONSIBILITY OR LIABILITY FOR ANY OBLIGATION UNDER EU REACH FOR SABIC PRODUCTS BEING SHIPPED INTO THE EU BY THIRD PARTIES AS IMPORTER OF RECORD. CUSTOMERS ARE OBLIGED TO COMPLY WITH ANY EU REACH OBLIGATION DIRECTLY THEMSELVES. SABIC WILL NOT ACT AS OR APPOINT AN ONLY REPRESENTATIVE UNDER EU REACH.

According to the requirements of EU Regulation (EC) 1907/2006 of 18 December 2006, concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as amended from time to time (hereinafter referred to as EU REACH regulation), any manufacturer or importer of a substance in a volume exceeding 1000 kg per year has to register the substance.

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SABIC appointed its affiliate SABIC Petrochemicals B.V., based in the Netherlands, to fulfil its tasks and responsibilities for complying with the legal requirements of the EU REACH regulation. SABIC Petrochemicals B.V., representing SABIC, has successfully registered the Products and their formulations (typical composition) and will continue to ensure SABIC's regulatory compliance with the EU REACH regulation.

Please find below the EU REACH registration details of SABIC® DEA 99 (Diethanolamine).

Trade name:	SABIC® DEA 99 (Diethanolamine)
Registration name:	2,2'-iminodiethanol
CAS number:	111-42-2
Registration no.:	01-2119488930-28-0013
Legal entity:	SABIC Petrochemicals B.V.

Please find below the EU REACH registration details of SABIC® MEA 99 (Monoethanolamine).

Trade name:	SABIC® MEA 99 (Monoethanolamine)
Registration name:	2-aminoethanol
CAS number:	141-43-5
Registration no.:	01-2119486455-28-0015
Legal entity:	SABIC Petrochemicals B.V.

Please find below the EU REACH registration details of SABIC® TEA 99 (Triethanolamine).

Trade name:	SABIC® TEA 99 (Triethanolamine)
Registration name:	2,2',2''-nitrilotriethanol
CAS number:	102-71-6
Registration no.:	01-2119486482-31-0013
Legal entity:	SABIC Petrochemicals BV

You have been provided with these registration details by SABIC for information purpose only. Downstream users in the EU, purchasing this substance from one of the subsidiaries or affiliates of SABIC with seat in the European Union (EU), may use this SABIC EU REACH registration number in their communication with their downstream users or inspection bodies.

It has to be noted that the EU REACH registration of the substance(s) subject to registration in the Products is restricted to the products as manufactured by SABIC in the EU or imported by SABIC Petrochemicals B.V. and cannot be used by or relied upon by any third party. Please be aware that when importing chemical substances into the European Union, or when manufacturing or using such chemicals substances in the European Union you have to comply with the provisions of the REACH regulation and therefore we recommend that you obtain expert advice on the implication of such regulation for your company.

This letter does not constitute a warranty nor an implied warranty that the related substance is fit for its intended purposes, nor that your company complies with the provisions of the REACH legislation (Regulation (EC) 1907/2006 of December 18, 2006) and amendments.

Please note carefully that Regulations develop continuously and that SABIC declarations may be adapted accordingly.

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Status with respect to EU REACH SVHC

According to the recipe in the production of the SABIC Products, the following substances are not intentionally added:

- Substances of Very High Concern (SVHC), included in the most recent and authentic "Candidate List of Substances of Very High Concern for Authorisation", in a concentration above the threshold limit of 0.1%, as published by the European Chemicals Agency (ECHA) on <http://echa.europa.eu/web/guest/candidate-list-table>, dated January 23, 2024 (List of 240 substances).

Status with respect to Conflict Minerals

The SABIC Product does not contain conflict minerals as per Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act:

- Columbite –Tantalite – refined into Tantalum (Ta)
- Cassiterite – refined into Tin (Sn)
- Wolframite – refined into Tungsten (W)
- Gold (Au)

Status with respect to animal origin, TSE / BSE / GMO

The SABIC Products are mainly of Petrochemical Origin. According to the recipe in production, Genetically Modified Organisms (GMO) are not intentionally used or added.

Based on the absence of animal substances or substances of animal origin in the substances used to manufacture the Products, to the best of our knowledge the risk of transmission of Bovine / Animal Spongiform Encephalopathy (BSE) and other Transmissible Spongiform Encephalopathies (TSE) is not relevant.

Status with respect to Good Manufacturing Practice (GMP)

SABIC has 55 Manufacturing locations globally of which 44 sites are GMP approved. This includes; 12 sites in the Americas, 8 in Europe, 14 in Saudi Arabia and 10 in Asia Pacific. SABIC® Ethanolamine products are made in Jubail, Saudi Arabia at Saudi Kayan Petrochemical Company, which is a GMP approved manufacturing site.

Status with respect to Nitrosamine Content

Nitrosamine content in the SABIC Products, based on analytical tests, were found to be less than 50 ppb.

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Status with respect to EU Cosmetics Regulation

According to the recipe in the production, the SABIC Products are in compliance with the provisions of the European Cosmetics regulation (EC) 1223/2009.

To the best of our knowledge, the following substance(s) as such is / are not intentionally used or added:

- Substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 2, under Part 3 of Annex VI to Regulation (EC) No 1272/2008 and as mentioned in Article 15 on the of European Cosmetic regulation (EC) 1223/2009.
- Prohibited and restricted substances covered and as mentioned in Annex II and Annex III of Article 14 of the Cosmetic regulation (EC) 1223/2009.

It is the responsibility of the cosmetics manufacturer that markets the final product or article to check compliance with the requirements of the EU Cosmetic Regulation (EC) 1223/2009 and amendments.

Status with respect to Composition Statement

For information on the components of the SABIC Products and their concentration, please refer to the corresponding Safety Data Sheet (SDS). Any hazardous constituents above regulatory disclosure cut-off limits determined according to their regional and/or specific GHS classification(s) will appear in the ingredients section of the SDS. In addition, consult the Hazardous Decomposition Products section for further information.

Status with respect to POPs

The SABIC Products do not contain restricted substances mentioned below as intentionally added components or as expected process impurities [above corresponding threshold limits mentioned below, if applicable], which refers to those substances listed on Annex A, B and C of the Stockholm Convention on Persistent Organic Pollutants (POPs) and Annex I, II and III to Regulation (EU) 2019/1021 and its amendments,

- DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane)
- Chlordane
- Dieldrin
- Endrin
- Heptachlor
- Hexachlorobutadiene
- Technical endosulfan, and its related isomers
- Hexachlorobenzene (HCB)
- Chlordecone
- Polychlorinated biphenyls (PCB)
- Perfluorooctane sulfonic acid (PFOS)

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- Aldrin
- Hexachlorocyclohexanes, including lindane
- Pentachlorobenzene (PECB)
- Polychlorinated naphthalenes (1 or more chlorine atoms)
- Mirex (Perchlordecone); Dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta(cd)pentalene
- Polybromodiphenyl ethers (Br=4-7) (PBDEs)
- Toxaphene
- Hexabromobiphenyl
- Polychlorinated dibenzofurans (PCDF)
- Polychlorinated dibenzo-p-dioxins (PCDD)
- Hexabromocyclododecane (HBCDD)
- Short-chain chlorinated paraffins C10-C13 (SCCP)
- Medium-chain chlorinated paraffins C14-C17 (MCCP)
- Decabromodiphenyl ether (decaBDE)
- Pentachlorophenol
- Pentachloroanisole
- Sodium pentachlorophenate
- Pentachlorophenyl laurate
- Sodium pentachlorophenate monohydrate
- Dicofol

Status with respect to Ozone Depleting Substances (Class I and II)

The SABIC Products do not contain ozone-depleting substances (ODS) as intentionally added components or as expected process impurities. This adheres to both Class I ODS such as Chlorofluorocarbons (CFC) and Class II ODS hydrochlorofluorocarbons (HCFCs) listed under the Montreal Protocol. Although the absence has not been checked by tests, this does not exclude the presence of negligibly slight traces due to, amongst others, impurities in the components supplied by external parties and used in the production of such components.

Status with respect to Zero Discharge of Hazardous Chemicals (ZDHC)

The SABIC Products do not contain restricted substances as mentioned in ZDHC Manufacturing Restricted Substances List (ZDHC MRSL) version 2, as intentionally added components or as expected process impurities. The chemical substances listed on ZDHC are banned from intentional use in facilities processing textile materials, leather, rubber, foam, adhesives and trim parts in textiles, apparel, and footwear.

Status with respect to nanomaterials / radioactive materials

The SABIC Products do not contain nanomaterials and/or radioactive materials as intentionally added components or as expected process impurities.

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Status with respect to certain restricted substances

The SABIC Products do not contain restricted substances mentioned below as intentionally added components or as expected process impurities.

- Dimethyl fumarate (DMF)
- Polychlorinated terphenyls (PCTs)
- Tri(1,3-dichloro-2-propyl)phosphate (TDCPP)
- Tris(2-chloroethyl)phosphate (TCEP)
- Tris(1-chloro-2-propyl)phosphate (TCPP)
- 1,1,1-Trichloroethane
- Trichloroethylene
- 4-Aminodiphenyl
- 4-Nitrodiphenyl
- Asbestos
- Azo colourants, releasing certain carcinogenic aromatic amines
- Benzene
- Formaldehyde
- Picric acid
- Radio-active substances (Uranium, Plutonium, Radon, Americium, Thorium)
- Short-chain chlorinated paraffin-C10-13
- Medium-chained chlorinated paraffin-C14-C17
- Dibutyltin compounds, Dioctyltin compounds
- Tributyl tin and triphenyl tin compounds
- Halon group including dibromotetrafluoroethane
- Red Phosphorus
- Beryllium oxide
- Bis(2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), Benzyl butyl phthalate (BBP), Diisobutyl phthalate (DIBP)
- Phenol, isopropylated phosphate (3:1) (PIP (3:1))
- 2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)
- Pentachlorothiophenol (PCTP)
- 1,4:7,10-Dimethanodibenzo[a,e]cyclooctene,1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro- (DP)
- 1,2-Bis(pentabromophenyl) ethane (DBDPE)
- Quaternary ammonium compounds
- Chlorates
- Perchlorates
- Phosphites
- Phosphonates
- Ivermectine
- Karanjin
- Matrine
- Ethylene Oxide

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