



Regulatory Data Sheet

HUNTSMAN

Enriching lives through innovation

ARALDITE® 2014-1 GB HARDENER

SDS Number: 400001008718

Version: 1.7

Revision Date: 2017/11/07

Composition:

Any hazardous components are displayed in section 3 of the Safety Data Sheet for this product, according to the relevant regulations.

Global Chemical Inventory Status:

Inventory	Status
DSL	All components of this product are on the Canadian DSL
AICS	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TCSI	On the inventory, or in compliance with the inventory
TSCA	On the inventory, or in compliance with the inventory

DEFINITIONS

AICS - Australian Inventory of Chemical Substances

DSL - Canadian Domestic Substances List

ENCS - Japanese Existing and New Chemical Substances Inventory

IECSC - Inventory of Existing Chemical Substances in China

KECI - Korean Existing Chemicals Inventory

NZIoC - New Zealand Inventory of Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TCSI - Taiwan Chemical Substance Inventory

TSCA - United States Toxic Substance Control Act

EU REACH Regulation

All products supplied from the European Economic Area (EEA) are compliant with the REACH Regulation EC 1907/2006.

For products supplied from the EEA, Huntsman has pre-registered all substances that it manufactures in, or imports into, the European Economic Area (EEA) that are subject to Title II of the REACH Regulation. Huntsman has also registered all substances that were due for registration in 2010, and 2013, and is currently in the phase of assessing and registering the substances due for 2018.

Huntsman only sells products that comply with applicable laws, including REACH, and is committed to stay compliant beyond 2018.



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Huntsman is managing the long-term compliance with REACH, and is in close contact with suppliers to make sure that all the raw materials purchased are fully compliant, too.

All products supplied from outside the EEA are subject to REACH only if exported into the EEA. The importer of the products must comply with REACH for each imported substance.

REACH SVHC Status:

This product contains the following substance(s) that are listed on the REACH Candidate list of Substances of Very High Concern (SVHC) for authorization as published by the European Chemicals Agency (ECHA) pursuant to Article 59 of REACH as of the date of this document.

Chemical name	CAS-No.
4,4'-Isopropylidenediphenol	80-05-7

Relevant information concerning Huntsman Products and REACH are available on our REACH web portal for European Economic Area (EEA) based customers.

<https://www.huntsmanservice.com/REACH>

Polyhalogen-biphenyl / terphenyls / diphenylethers (PCB, PCT, PBB, PBDE):

For this product we do not intentionally introduce the following substances groups: Polybrominated biphenyls (PBB), Polychlorinated biphenyls (PCB), Polychlorinated terphenyls (PCT), Polybrominated diphenyl ethers (PBDE).

Perfluorooctanoic acid (PFOA) and derivatives:

For this product, we do not intentionally introduce Perfluorooctanoic acid (PFOA), Perfluorooctane sulfonate (PFOS).

Alkyl phenols and Alkyl phenol ethoxylates:

For this product, we do not intentionally introduce Nonylphenol ethoxylates ((C₂H₄O)_nC₁₅H₂₄O), Octylphenol ethoxylates ((C₂H₄O)_nC₁₄H₂₂O), Nonylphenols (C₆H₄(OH)C₉H₁₉) and Octylphenols (C₆H₄(OH)C₈H₁₇).

Phthalates:

For this product, we do not intentionally introduce the following phthalates:

Phthalates	CAS #
Bis-(2-ethylhexyl)-phthalate (DEHP)	117-81-7
Bis-(2-methoxyethyl)-phthalate	117-82-8
Di-n-octylphthalate (DNOP)	117-84-0
Di-isononyl phthalate (DINP)	28553-12-0 & 68515-48-0



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Benzyl butyl phthalate (BBP)	85-68-7
Di-isobutylphthalate (DIBP)	84-69-5
Dibutylphthalate (DBP)	84-74-2
Di-n-pentylphthalate (DnPP)	131-18-0
Di-isodecylphthalate (DIDP)	26761-40-0 & 68515-49-1
Di-isopentylphthalate	42925-80-4
n-Pentyl-isopentylphthalate	84777-06-0
Di-n-hexyl phthalate (DnHP)	84-75-3
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters	71888-89-6
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4

Persistent Organic Pollutants (POPs) Regulation (EC No 850/2004):

For the manufacture of the product we do not intentionally introduce substances listed in the Annexes I, III or IV of the Regulation (EC) No 850/2004 on Persistent Organic Pollutants (POPs) and subsequent amendments.

Ozone Depletion (EU Regulation 1005/2009):

For the manufacture of the product we do not intentionally introduce substances listed in EU Regulation 1005/2009 of 16 September 2009 on substances that deplete the ozone layer.

RoHS Directive (2011/65/EC) and amendment (2015/863):

For this product, we do not intentionally introduce the substances listed on Annex II of the Directive 2011/65/EU of 8 June 2011 as amended, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS). The presence of these substances in our final Huntsman Product would not exceed the maximum allowable concentrations mentioned in Annex II of the Directive. Note that this Directive applies to electrical and electronic equipment and the product supplied to you does not fall under that category, but may be used to manufacture such equipment.

ELV (end-of-life) Directive (2000/53/EC) and subsequent amendments:

For this product, we do not intentionally introduce the substances listed in the Directive 2000/53/EC of the European Parliament and of the Council of 18 September 2000 on end-of-life vehicles (ELV) and its subsequent amendments.

Swiss Ordinance on the Incentive Tax on Volatile Organic Compounds:

For this product, there are no known VOC duties to be paid, or as the case may be the VOC value is below the threshold of 3%.



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Conflict Minerals - US - Dodd-Frank Wall Street Reform and Consumer Protection Act:

For the manufacture of the product we do not intentionally introduce any tin, tungsten, gold or tantalum, termed as "Conflict Minerals", and these are not necessary to the functionality or production of the Huntsman Product. Therefore, these Conflict Minerals are not expected to be present in the Huntsman Product and we do not analyse for them, or as the case may be, they would only be present as technically unavoidable impurities.

Global Automotive Declarable Substance List (GADSL):

This product contains the following substance(s) that are listed in the GADSL, 2017 Version 1.

Chemical name	CAS-No.
4,4'-isopropylidenediphenol	80-05-7

We do not intentionally introduce any other substances listed in the GADSL or, as the case may be, the presence of these substances in this product would not exceed the maximum allowable concentrations given in the GADSL document.

Note:

- Under various environmental protection and product safety regulations, directives, standards and initiatives "intentionally introduced" means "deliberately utilised during the manufacture of the components and/or for the formulation of a material or component where its continued presence is desired in the final product to provide a specific property, appearance or quality." The above-listed substance(s) is (are) not intentionally introduced as additives or used in the manufacturing process for the Huntsman product. The substance(s) may only be present as adventitious trace impurities (not intentionally added to the product). Analyses for trace impurities in the products are not conducted as part of routine lot certification procedures.
- Huntsman provides safety and regulatory data to the best of their knowledge and as far as reasonably practical. However, this data sheet may not be sufficiently comprehensive to answer all possible questions or anticipate every possible use or exposure scenario. The customer should make their own risk assessment before using Huntsman products in their processes, applications, or markets.
- The trademarks above are the property of Huntsman Corporation or an affiliate thereof.
- For further information please visit the Huntsman website www.huntsman.com or contact your local Huntsman representative.
- This document has been generated by electronic data processing and is valid without signature.

Disclaimer:

This information is given to you in good faith and to the best of our current reasonable knowledge, taking into consideration the current status of technology as generally applied in the industry and assuming that you will use our Huntsman products for industrial purposes only. It does not constitute any guarantee or warranty, which are expressly disclaimed herewith. Under no circumstances shall Huntsman International LLC or any of its affiliates be liable for any consequential, incidental or special damages or loss of profit incurred by you, regardless of whether the possibility of such damages or loss was disclosed to or reasonably foreseeable by you.



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With reference to the safety data sheets of each of the above Huntsman products, you have full responsibility to use Huntsman products consistent with such information, including but not limited to any restrictions on use of the products. Once any Huntsman product is within your custody or control, you shall have full responsibility for and liability arising out of the storage, handling, transportation, sale, use, reuse, recycling and/or disposal of any such Huntsman product, and of any derivative product, co-product, by-product or waste product therefrom, including the use of any such product alone or in combination with other substances, and compliance with any laws or regulations relating thereto, including but not limited to those affecting testing for uses of such products.