

Regulatory Data Sheet

GRADES:

- Alkathene[®] - LDH210, LDH215 and LD0128MS.

- Food Contact Compliance

If this product is used for food contact applications, then the user needs to ensure compliance with the requirements of AS 2070-1999 and relevant food contact regulations.

When used in accordance with US Food and Drug Administration (FDA) application guidelines, this product meets the requirements of FDA 21 CFR 177.1520 (c) 2.1 and AS 2070-1999 section 4.1.1(a). Please note that the above grades have an end use restriction of 80 micron. This product should not be used in applications for holding food during cooking without the required compliance testing. This information is only applicable to food contact articles that are extruded into film.

The composition of this product complies with the requirements of Commission Regulation (EU) No 10/2011, including any subsequent amendments that are in force prior to the effective date of this Regulatory Data Sheet. Migration limits and other restrictions may apply. Please contact your primary Qenos representative if you require a declaration of compliance or further information.

It is the responsibility of the manufacturer of the finished food contact article, as well as the industrial food packer, to ensure the composition of the food and its organoleptic properties are not altered by the final article.

- Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

This product is not manufactured or formulated so as to intentionally include notifiable levels of any of the Substances of Very High Concern (SVHC) as per the candidate list that was current as of the effective date of this Regulatory Data Sheet. For further information regarding REACH please contact your primary Qenos representative.

- Adipates

Adipates, including those listed below, are not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- Bis(2-ethylhexyl) adipate (DEHA)
- Dibutyl adipate
- Diethyl adipate
- Ethyl hydrogen adipate
- Dioctyl adipate (DOA)
- Di-n-alkyl adipate

- Allergens

The following substances are not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereof
- Soybeans and products thereof
- Milk and products thereof (including lactose)
- Tree nuts and products thereof
- Celery
- Mustard
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites

- Bisphenol A (BPA) and Bisphenol S (BPS)

Bisphenol A, CAS number 80-05-7, and Bisphenol S, CAS number 80-09-1, are not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- *Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE)*

Qenos confirms that all raw materials and additives used in the manufacture and formulation of this product, to the best of our knowledge, have been derived only from inorganic, synthetic and / or vegetable based feedstock.

- *Butylated hydroxytoluene (BHT)*

Butylated hydroxytoluene, CAS number 128-37-0, is not intentionally added in the formulation or manufacture of any Qenos polyethylene grades. However, we do not routinely test for this substance.

- *Conflict minerals*

Tin, tantalum, tungsten, gold, columbite-tantalite (coltan), cassiterite and wolframite are not intentionally added in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- *HACCP*

Qenos produces polyethylene which is subsequently converted by its customers into a variety of products, including food packaging applications. As Qenos is not a direct manufacturer of food contact packaging, Qenos does not operate a certified HACCP system. Qenos' manufacturing practices in relation to polyethylene intended for food contact applications are designed to comply with the requirements of Standard 1.4.3 of the FSANZ Food Standards Code "Articles and Materials in Contact with Food" and AS 2070-1999 "Plastics Materials for food contact use". Qenos has a documented food contact management policy and food contact compliance committee, which stewards its obligations against AS 2070-1999 and other related food contact requirements. Information pertaining to the food contact status of Qenos products may be found in the relevant product's Technical and Regulatory datasheet, available through the Qenos website. Qenos will assist customers in relation to HACCP enquiries by providing support of customer audits of its food contact and product quality management systems.

- Heavy metals, polybrominated biphenyls, polybrominated diphenyl ethers and polychlorinated biphenyls

This product is not manufactured or formulated so as to intentionally include notifiable levels of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) and polychlorinated biphenyls (PCB). Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- Melamine

Melamine, CAS number 108-78-1, is not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that this substance is not inadvertently added. However, we do not routinely test for this substance.

- Natural Rubber or Latex

Natural rubber or latex are not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- 4-nonylphenol (4NP) and Tris(nonylphenol) phosphite (TNPP)

4-nonylphenol (4NP) and Tris(nonylphenol) phosphite (TNPP) are not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- Phthalates

Phthalates, including those listed below, are not intentionally used, or added, in the formulation or manufacture of any Qenos polyethylene grades. Qenos also has in place quality assurance systems to ensure, as far as reasonably practical, that such substances are not inadvertently added. However, we do not routinely test for these substances.

- Di-2-ethylhexyl phthalate (DEHP)
- Di-n-octyl phthalate (DNOP)
- Benzyl butyl phthalate (BBP)
- Diisodecyl phthalate (DIDP)
- Diisobutyl phthalate (DIBP)
- Diisononyl phthalate (DINP)
- Diethyl phthalate (DEP)
- Dibutyl phthalate (DBP)
- Dimethylglycol phthalate (DMEP)
- Bis(2-ethoxyethyl) phthalate (BEEP)
- Bis(2-butoxyethyl) phthalate (BBEP)
- Bis(4-methylpentyl) phthalate (BMPP)
- Dipentyl phthalate
- Dihexyl phthalate (DHP)
- Dinonyl phthalate (DNP)
- Diphenyl phthalate
- Dimethyl phthalate (DMP)
- Dicyclohexyl phthalate (DCHP)
- Dipropyl phthalate

In using Qenos Pty Ltd's products, you must establish for yourself the most suitable formulation, production method and control tests, to ensure the uniformity and quality of your product in compliance with all laws. You should ensure that you have conducted your own investigations before making any representations as to your product's compliance with any regulatory standards. No warranty is given in relation to the information contained in this document.

Regulatory Data Sheet

GRADES:

Alkatuff[®] - LL425, LL501, LL525, LL601, LL755 and LL820.

Alkatane[®] - GE4760, GF7660, GF7740F2, GM4755F, GM7655, HDF695, HD0390, HD0490, HD0690, HD0790, HD1090, HD2090 and HD3690.

- Food Contact Compliance

If this product is used for food contact applications, then the user needs to ensure compliance with the requirements of AS 2070-1999 and relevant food contact regulations.

When used in accordance with US Food and Drug Administration (FDA) application guidelines, this product meets the requirements of FDA 21 CFR 177.1520 (c) 3.1a and AS 2070-1999 section 4.1.1(a). This product should not be used in applications for holding food during cooking without the required compliance testing. This information is only for the major end use described on the Technical Datasheet.

The composition of this product complies with the requirements of Commission Regulation (EU) No 10/2011, including any subsequent amendments that are in force prior to the effective date of this Regulatory Data Sheet. Migration limits and other restrictions may apply. Please contact your primary Qenos representative if you require a declaration of compliance or further information.

It is the responsibility of the manufacturer of the finished food contact article, as well as the industrial food packer, to ensure the composition of the food and its organoleptic properties are not altered by the final article.

- Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

This product is not manufactured or formulated so as to intentionally include notifiable levels of any of the Substances of Very High Concern (SVHC) as per the candidate list that was current as of the effective date of this Regulatory Data Sheet. For further information regarding REACH please contact your primary Qenos representative.

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