Global Chemical Inventory Compliance

This product complies with, or is listed on several Global Inventories as detailed in the following table. Y: on inventory (or not required); N: checked and one or more components are NOT on the inventory; BLANK: not assessed.

<table>
<thead>
<tr>
<th>Country</th>
<th>Inventory</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>EINECS</td>
<td>Y</td>
</tr>
<tr>
<td>Europe</td>
<td>ELINCS</td>
<td>-</td>
</tr>
<tr>
<td>Canada</td>
<td>DSL</td>
<td>Y</td>
</tr>
<tr>
<td>Canada</td>
<td>NDSL</td>
<td>-</td>
</tr>
<tr>
<td>United States</td>
<td>TSCA</td>
<td>Y</td>
</tr>
<tr>
<td>Australia</td>
<td>AICS</td>
<td>Y</td>
</tr>
<tr>
<td>China</td>
<td>IECS</td>
<td>Y</td>
</tr>
<tr>
<td>Japan</td>
<td>ENCS</td>
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<tr>
<td>Korea</td>
<td>KECI</td>
<td>Y</td>
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<tr>
<td>New Zealand</td>
<td>NZIoC</td>
<td>Y</td>
</tr>
<tr>
<td>Philippines</td>
<td>PICCS</td>
<td>Y</td>
</tr>
</tbody>
</table>

US FDA Food Contact Status

The composition of this product has not been assessed for use in food contact applications according to the U.S. Food and Drug Administration (FDA) Code of Federal Regulations.

Animal Derived Components

The specifications for this product have been reviewed for the raw materials used and the sources. Methylene Chloride is produced using methyl chloride and chlorine. Any additive, if used, in the product or process is of petrochemical origin. There are no animal or plant source materials used in the manufacture of this product. Therefore, it can be concluded that there is no issue with Bovine Spongiform Encephalopathy (BSE) / Transmissible Spongiform Encephalopathy (TSE) with this product.

Food Allergens

This product has been evaluated for the source of the raw materials used in its production. There are no raw materials, including additives, used that have their origin in peanuts, soybeans, milk, eggs, fish, shellfish, tree nuts and/or wheat or gluten. Based on this examination of the ingredients and their sources, this product is free of the specified known allergy stimulating food substances.

Materials from Genetically Modified Organisms

The specifications for this product have been reviewed for the raw materials used and the sources. Methylene Chloride is produced using methyl chloride and chlorine. Any additive, if used, in the product or process is of petrochemical origin. There are no animal or plant source materials used in the manufacture of this product. This product has no genetically modified materials in its formulation or process.
Kosher

The raw materials used in the manufacture of this product are derived from non-animal sources. There is no animal fat, no animal derived materials, grain derived, or fermentation products used in this product. The product is not certified as kosher but will comply with the kosher dietary laws. Therefore, this product can be used with kosher products without compromising the status of the products.

REACH


This is to inform you that the above mentioned product, to the best of our knowledge, is not intentionally manufactured or formulated with the following substances listed in Article 4(1) of the EU Directive 2011/65/EU, the recast for EU Directive 2002/95/EC:

- Heavy metals (like cadmium, hexavalent chromium, lead and mercury) and their compounds
- Polybrominated Biphenyls (PBB)
- Polybrominated Diphenyl Ethers (PBDE)

Therefore, the product listed above is in compliance with the requirements of Article 4.1 of the 2011/65/EU, the recast for EU Directive 2002/95/EC as well as fulfilling the requirements of Commission Decision 2005/618/EC:

- max. 0,1 %wt in homogenous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers
- max 0,01 %wt in homogenous materials for cadmium

This statement is intended to provide information on our product so that you may assess the consequences of these directives on the electric and electronic (E&E) articles you manufacture and place on the EU market, or materials you supply to the affected industry.

EU Directive 2012/19/EU on WEEE: Selective treatment of the waste (Article 8.5 and Annex VII): Article 8.5 requires that the waste management schemes (to be) set up by the producers, individually or collectively, ensure that the waste will be selectively treated for materials and components of the E&E waste in line with the requirements of Annex VII.

None of the following substances listed in Annex VII are intentionally added or used in the manufacture of this product:

- Asbestos
- Brominated flame retardants
- Refractory ceramic fibers
- Chlorofluorocarbons (CFC)
- Hydrochlorofluorocarbons (HCFC)
- Hydrofluorocarbons (HFC)
- Hydrocarbons (HC)
- Mercury
- Ozone depleting gases
- Polychlorinated biphenyls (PCB)
- Polychlorinated terphenyls (PCT)
- Radioactive substances

Heavy Metals, EU 94/62/EC and Coalition of Northeastern Governors (CONEG)

This product conforms to the Coalition of Northeastern Governors (CONEG) and the European Directive 94/62/EC, as amended, on Packaging and Packaging Waste, Article 11. Any incidental levels of lead, cadmium, hexavalent chromium, and mercury do not exceed 100 ppm total.
**ASTM F963 - Standard Consumer Safety for Toy Safety**

European Standard EN 71/3 concerns the "Safety of Toys", and specifies requirements for the migration of certain elements, i.e. antimony (Sb), arsenic (As), barium (Ba), cadmium (Cd), chromium (Cr), lead (Pb), mercury (Hg) and selenium (Se) from toy materials and not from paints and varnishes used for toys.


We do not routinely analyze our products for these elements, but all the data we have regarding heavy metal content in our products are far below these limits and are therefore not likely to contribute to concentrations in the final toy material that is under consideration in this Standard EN-71/3. In addition to this, these products are not intentionally manufactured with any chemical substances known to contain heavy metal as listed above.

**Canadian Environmental Protection Act Challenge Substances**

This product is not intentionally manufactured or formulated with the Batch Lists of Canadian Environmental Protection Agency (CEPA) Challenge Substances released as of the effective date of this document. However, we do not analyze for these specific substances.

(http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/list-eng.php)

**Bisphenol A**

This product is not manufactured or formulated with Bisphenol A (CAS# 80-05-7).

**Phthalate Esters**

This product is not intentionally manufactured or formulated with the following phthalate esters; however, we do not analyze for these specific substances or compounds.

• Butyl benzyl phthalate (BBP) CAS 000085-68-7
• Diethyl hexyl phthalate (DEHP) CAS 117-81-7
• Diethyl phthalate CAS 000084-66-2
• Diisobutyl phthalate (DIBP) CAS 000084-69-5
• Di-iso-decyl phthalate (DIDP) CAS 26271-40-0
• Di-isononyl phthalate (DINP) CAS 28553-12-0
• Dimethyl phthalate CAS 131-11-3
• Di-n-butyl phthalate (DBP) CAS 000084-74-2
• Di-n-hexyl phthalate (DnHP) CAS 000084-75-3
• Di-n-octyl phthalate (DNOP) CAS 117-84-0.
Fluorotelomers, Perfluorooctanoic acid (PFOA) and Derivatives

This product is not intentionally manufactured or formulated with Fluorotelomers, Perfluorooctanoic acid (PFOA), or Perfluorooctane sulfonate (PFOS); however, we do not analyze for these specific substances or compounds.

Residual Volatile Organic Compounds (VOC)

With regard to Volatile Organic Compounds (VOC) content, one Environmental Protection Agency (EPA) definition of a VOC is any compound of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate and excluding compounds which have negligible photochemical reactivity such as: ethane, methane, and also methylene chloride, perchloroethylene and acetone, which are Dow products. For other compounds, see 40 Code of Federal Regulations Section 51.100(s) and check for any recent Federal Register notices possibly exempting other negligibly reactive VOCs. Since state or local governments and some specific EPA regulations may be more restrictive than the definition above, please check these sources also.

Under this broad definition, this product is not a VOC.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, see the Safety Data Sheet for this product.
Residual Solvents

The US Pharmacopoeia specifies limits for Residual Solvents in final drug substances, excipients, and drug products. Residual Solvents are not specification items for Methylene Chloride FCC/NF or NF/EP Grades. This document represents the expected level of some listed solvents that may be found in this product. Historical data, testing by gas chromatography, and thorough knowledge of our manufacturing process were used to affirm the following statements.

Please note the following data represent typical values only. They do not constitute part of the specifications. These typical values are based on the analysis from the last two years.

1. Class 1 Solvents
   • Carbon Tetrachloride: < 4 ppm
   • 1,1, Dichloroethene: < 20 ppm

Other Class 1 Solvents not listed here are not intentionally added and are not expected to be present in this product.

2. Class 2 Solvents
   • Dichloromethane: > 99%
   • Chloroform: < 60 ppm
   • 1,2-Dichloroethene: < 1870 ppm
   For cyclohexane stabilized product only
   • Cyclohexane: < 200 - 400 ppm

Other Class 2 Solvents not listed here are not intentionally added and are not expected to be present in this product.

3. Class 3 Solvents
   • None of the solvents are likely to be present

4. Class 4 Solvents
   • None of the solvents are likely to be present

Methylene Chloride (Dichloromethane) is a Class 2 Solvent with a USP Residual Solvents limit of 600 ppm in a finished product. If the allowed level of Methylene Chloride FCC/NF or NF/EP Grade is met in the finished product, the level of 1,1-dichloroethene, which is a byproduct of the manufacturing process for Methylene Chloride, will correspondingly be below its Class 1 limit of 8 ppm.

The above information is valid for methylene chloride produced in plants owned and operated by The Dow Chemical Company in Stade (Germany) and Freeport, TX (U.S.).
Product Stewardship
The Dow Chemical Company and its subsidiaries (“Dow”) has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take the appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products—from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.

Customer Notice
Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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NOTICE REGARDING MEDICAL APPLICATION RESTRICTIONS: Dow will not knowingly sell or sample any product or service (“Product”) into any commercial or developmental application that is intended for:
   a. long-term or permanent contact with internal bodily fluids or tissues. “Long-term” is contact which exceeds 72 continuous hours;
   b. use in cardiac prosthetic devices regardless of the length of time involved (“cardiac prosthetic devices” include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
   c. use as a critical component in medical devices that support or sustain human life; or
   d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

Dow requests that customers considering use of Dow products in medical applications notify Dow so that appropriate assessments may be conducted. Dow does not endorse or claim suitability of its products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Dow product is safe, lawful, and technically suitable for the intended use. DOW MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY DOW PRODUCT FOR USE IN MEDICAL APPLICATIONS.

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