



HP 4030 M

HP 4030 M is a water-based formulation designed by HP to address a broad range of worldwide chemical regulatory requirements and human health and environmental considerations throughout the entire life cycle of a print from production to disposal.

Regulatory Summary

Global Chemical Inventories

HP complies with chemical substance notification laws, where applicable. In some instances, additional importer-specific requirements may be needed. To address these situations, please contact HP SPTS Customer Support www.hp.com/go/sptscustomersupport.

Chemicals of Concern

HP 4030 M DOES NOT contain the following regulated materials as intentionally added substances. In addition, this formulation DOES NOT contain the following regulated substances as known contaminants at quantities exceeding *de minimis* levels¹:

- Arsenic, antimony, soluble barium, cadmium, chromium, cobalt, mercury, lead, nickel, copper (with the exception that copper is present in the cyan ink in a bound form known as copper phthalocyanine), and selenium
- Restricted azo colorants²
- Vinyl chloride monomer (VCM)
- Polychlorinated terphenyls (PCTs)
- Brominated flame retardants
- Phthalates, including ortho-phthalates
- Bisphenol A (BPA)
- Asbestos
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Mineral oils in the form of Mineral oil aromatic hydrocarbons (MOAH) comprising 1 to 7 aromatic rings and/or Mineral oil saturated hydrocarbons (MOSH) with 16 to 35 carbon atoms³
- Substances derived from animals⁴

HP 4030 M contains an intentionally added chemical belonging to the general category of Per- and Polyfluoroalkyl Substances (PFAS) at a concentration of less than 0.5%. This chemical is not PFOA or PFOS.

¹ HP assesses known contaminants (non-intentionally added substances, NIAS) against the most conservative *de minimis* level published by authoritative sources including, but not limited to, EU REACH, EFSA, German BfR, US EPA, and CA Proposition 65.

² Regulation (EC) No 1907/2006 (REACH) Annex XVII (article 67) restricts the use of azo colorants that break down to aromatic amines known to cause cancer.

³ As defined in France via Article 112 of law no. 202-105, Decree No. 2020-1725 of 29 December 2020 inserted Articles D543-45-1 and D543-213, and Order of 13 April 2022

⁴ All potential manufacturing and processing aids in HP's supply chain are not fully known by HP and may originate from animal-based raw materials

Chemical Regulations

HP 4030 M DOES NOT contain intentionally added components falling into the categories below. In addition, this formulation DOES NOT contain known contaminants at quantities exceeding *de minimis* levels⁵ in the following categories:

- Substances regulated under Annex XIV of EU REACH (authorizations) or restricted under Annex XVII of EU REACH (restrictions)
- Substances meeting the criteria as persistent, bioaccumulative and toxic (PBT) or “very persistent and/or very bioaccumulative” (vPvB), as defined by Annex XIII to the EU REACH Regulation
- Substances regulated as persistent organic pollutants and listed in Annex I of (EU) 2019/1021 and the Stockholm Convention
- Substances requiring risk evaluations under Section 6 of US TSCA
- California Proposition 65 listed chemicals present in concentrations exceeding labeling thresholds
- Carcinogens, mutagens, or reproductive toxicants (CMRs) specifically listed in the EuPIA Exclusion Policy for Printing Inks and Related Products, Groups A-G, 4th edition, March. 2021
- Substances identified as endocrine disruptors
- Substances classified as respiratory sensitizers
- Substances regulated as drugs and drug precursors or controlled substances requiring special permits for use

Human Health and Environmental Attributes

Emissions

HP 4030 M does not contain Hazardous Air Pollutants (HAPs) or photo chemically reactive solvents.⁶ Volatile Organic Compounds (VOC) content is 192 grams/liter for HP 4030, respectively, as calculated using the VOC definition set forth under EU 2010/75. This information is referenced in section 9 of the HP Safety Data Sheet.

Indoor air quality can be affected by operational conditions. HP’s installation guides provide detailed information to assist customers with their unique operations to ensure a comfortable workplace.

HP 4030 M for use with Thermal Inkjet devices are designed to enable customers to maintain a high level of (Indoor) Air Quality performance. For instance, HP 4030 does not have intentionally added Hazardous Air Pollutant (HAP) substances as related to the Clean Air Act (CAA) Section 112 HAPs List. Users can rely on the low Volatile Organic Compound (VOC) content of not more than 192 grams/liter determined according to the applicable US EPA Method 24. This information is also referenced in HP SDS documents available through hp.com/go/ecodata.

Transportation and Waste

HP 4030 M ink is non-flammable, non-combustible⁷ and does not require special handling or transportation-related conditions. This formulation is not classified as Dangerous Goods in accordance with international modes of transport (IATA, IMDG, U.S. DOT, and/or ADR) and do not contain listed marine pollutants.

HP DOES NOT intentionally add materials in the following categories to HP 4030. In addition, these formulations DO NOT contain non-intentionally added substances (NIAS) belonging to the following categories above *de minimis* levels⁸:

- Regulated Metals as intentionally added ingredients: Arsenic, antimony, soluble barium, cadmium, chromium, cobalt, mercury, lead, nickel, selenium, and copper (with the exception that copper is present in the cyan/blue in a bound form known as copper phthalocyanine)
- Human health and/or ecological toxicity characteristics specifically pertaining to hazardous waste classifications, as defined by the EU Classification, Labelling, and Packaging (CLP) Regulation 1272/2008/EC

⁵ HP assesses known contaminants (non-intentionally added substances, NIAS) against the most conservative *de minimis* level published by authoritative sources including, but not limited to, EU REACH, EFSA, German BfR, US EPA, and CA Proposition 65.

⁶ As defined by California South Coast Air Quality Management District Regulation 1

⁷ HP 4030 inks are not classified as flammable or combustible liquids under the USDOT or international transportation regulations. Testing per the Pensky-Martins Closed Cup method demonstrated flash point greater than 110° C.

⁸ HP assesses known contaminants (non-intentionally added substances, NIAS) against the most conservative *de minimis* level published by authoritative sources such as: EU REACH, EFSA, German BfR, US EPA, CA Proposition 65, and others.

Additional Resources

More information about HP's sustainable impact programs can be found at: hp.com/go/report

HP Safety Data Sheets (SDS) for these formulations can be found at: hp.com/go/ecodata.

For more information or questions please contact HP SPTS Customer Support at: hp.com/go/sptscustomersupport.

Legal Disclaimer

Worldwide chemical regulatory requirements are subject to change without notice. Thus, HP will issue updates to this document periodically. Customers should consult their HP account manager to verify any updated information and to obtain the latest version of this document.