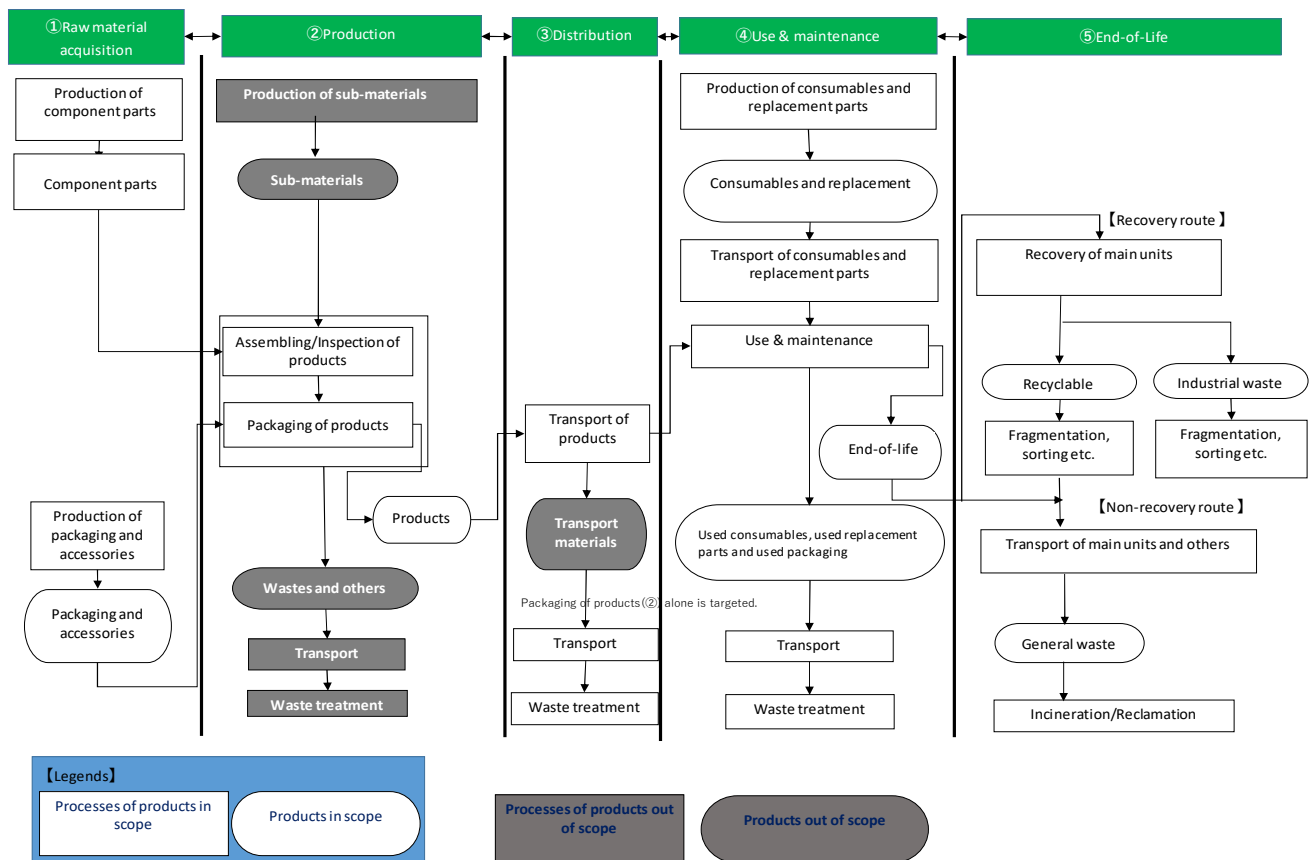


1.Publication date	3/1/2022					
2.Reference number	007					
3.Category	OFFICE, SERVICE INDUSTRY AND HOUSEHOLD MACHINES					
4.Purpose of disclosure	Presenting environmental impacts of a product life cycle using IDEA					
5.Product information	RISO ComColor GL9730 (High-speed color inkjet)					
	  https://www.riso.co.jp/english/					
6.Contact information	https://www.riso.co.jp/english/form/home/inquiryconcerning/					
7.Results of life cycle impact assessment	Total	①Raw material acquisition	②Production	③Distribution	④Use	⑤End-of-Life
Global warming IPCC2013 GWP100a (kg-CO2eq)	5.7E+03	2.6E+03	8.1E+01	1.3E+02	2.7E+03	1.2E+02
Acidification (kg-SO2eq)	8.4E+00	2.3E+00	3.1E-02	2.2E-01	5.6E+00	1.9E-01
Resources consumption (kg-Sbeq)	9.5E-01	9.2E-01	3.4E-04	4.4E-04	3.3E-02	2.4E-04
Interpretation of results	• The amounts of CO2 emissions showed almost similar figures in the raw material acquisition and the use stages. • For the impact assessment of acidification, the use stage showed the highest figure. • For the impact assessment of resources consumption, the raw material acquisition stage showed the highest figure.					
8.Secondary data used and its version	IDEA v3.0					

9. Stages targeted for the case study

① Raw material acquisition ② Production ③ Distribution ④ Use ⑤ End-of-Life



10. Remarks

① Usage Conditions:

Printing a total of 4,080,000 sheets (A4 size) in monochrome and color modes

(However, environmental impact assessment is not included for manufacturing A4-size papers.)

② Mass of raw materials targeted for the case study: 383kg

③ Targeted areas for stages: Japan for Raw material acquisition; Japan for Production; Japan and North America for Distribution; North America for Use; and North America for End-of-life

④ Validity period for the case study 10/05/2021~10/04/2026

⑤ Conformity standard :ISO14040,ISO14044

⑥ Others

Conformed environmental labels: ENERGY STAR Version 3.0, EcoLeaf environmental label program, and EPEAT

Assessment process: RISO KAGAKU CORPORATION's environmental impact assessment