

Green Procurement Guidelines

Version 7

Dec 25, 2024

GOO CHEMICAL CO., LTD.

Quality Assurance Section issued

GOO CHEMICAL CO., LTD.

Green Procurement Guidelines

1. Initiatives by GOO CHEMICAL CO., LTD. towards environmental practices

GOO Chemical has been taking initiatives for Green Procurement guidelines since March 2004. Further, in January 2017, we laid down its environmental policy, under which it was decided that we would act proactively towards environmental conservation in our business activities and we have been promoting such activities since.

Based on these guidelines, we draft an “Environmental Plan” on a regular basis and strives to promote environmental conservation activities as its corporate responsibility and contribution towards the society.

<< Corporate Philosophy and Quality/Environmental Policy of GOO CHEMICAL CO., LTD. >>

Corporate Philosophy

Based on the GOO spirit, where each and every employee grows together with one another, and bonded by companionship, we will contribute to society through unique technology by making clever use of our technologies to create and our technologies to use.

Quality Policy

We will promote quality improvement activities and establish and implement a quality management system in order to provide products that enrich people and the earth.

- 1) Provide products and services that satisfy our customers.
- 2) Creating new value and quality by refining the technologies for creating and using
- 3) Safe and secure manufacturing through continuous quality improvement activities.

Environmental Policy

To provide products that enrich people and the earth We will promote environmental protection activities and establish and implement an environmental management system.

- 1) We will strive for continuous improvement and prevention of pollution with regard to items that affect the environment in our business activities. The main items are as follows.
 - Conservation of energy and resources
 - Reducing the risk of chemicals
 - Reduction of waste emission

2) We shall comply with environment-related and other laws and regulations as well as with other requirements that the organization concurs with matters determined by the organization as compliance obligations.

2. Objective

The purpose of this document is to understand the chemical substances contained in the products (raw materials, packaging material etc.) that are bought by GOO CHEMICAL CO., LTD. (hereinafter referred to as the Company). This document has been created so that our suppliers can provide us the latest information about the substances contained in each of the procured product.

3. Scope of application

This document shall be applicable to the products and packaging material procured by us from our suppliers and the chemical substances used during production.

4. Category of environmental laws and regulations

Regarding the domestic and international environmental laws, the regulations laid down in this document and their categories have been mentioned later in the appendix.

5. Definition of terms

Main terms used in this document are as follows.

1) Certain hazardous chemicals

Certain hazardous chemicals prescribed by we refer to the following chemicals.

These are the substances which we has decided to handle on considering their adverse effects on the environment and the ecosystem, the regulations and industrial trends. They are classified as prohibited or controlled substances

2) Substances contained in products

This term refers to the substances that constitute the product or anything that is added, filled, mixed or adhered to the material, subsidiary material or packaging used for the products, intentionally or unintentionally.

(This also includes the cases wherein something is unintentionally mixed or adhered to the product during the manufacturing process.)

3) Intentional use

This term refers to adding chemical substances to the purchased goods for a functional purpose or manufacturing processes such as catalysts and solvent extraction.

However, this does not apply when the purchased goods do not contain such chemical substances.

4) Impurities

This term refers to substances contained in natural materials that cannot be technically removed as industrial material during manufacturing process or substances generated during synthetic reaction that cannot be completely removed.

Now, even if a substance is categorized as an “impurity” to differentiate it from the main raw materials, if it is used for changing the characteristics of a material, it shall be treated as “intentional use” of the substance.

5) Packaging material

This term refers to product packaging material, product’s subsidiary packaging material, distribution material and subsidiary material.

6) Group of prohibited substances (level 1)

This term refers to substances whose inclusion in products is prohibited by law or by customer’s request or substances for which an upper limit of concentration has been prescribed. As these substances must not be included in the products, it is prohibited to use them intentionally and contamination by them must be prevented. According to “Group of prohibited substances (level 1)”

7) Group of substances to be reduced (level 2)

This term refers to substances whose actual usage should be understood and it should be examined from the perspective of health, safety and proper disposal, as requested by us or the customer. They must be reduced and contamination by them must be prevented.

8) Group of controlled substances (level 3)

This term does not refer to substances whose use must be intentionally limited, but to the substances that must be considered for recycling and proper disposal after their actual usage is understood. These are referred from the substances specified in “JAMP declarable substances Ver. (latest version)” provided by JAMP* excluding the group of prohibited substances prescribed here. Content survey of these substances shall be carried out to know whether or not to use them and get data about the quantity of content etc. According to “Controlled substance group (level 3)”.

* Management Guidelines — chemSHERPA by JAMP

<http://chemsherpa.net/docs/guidelines>

6. Our policy for handling conflict minerals (conflict free)

[Objective]

As the Dodd-Frank Act was established in the United States in July 2010, the “issue of conflict minerals” gained importance all over the world, SEC (U.S. Securities and Exchange Commission) adopted the last regulation of this Act in August 2012. In addition, with the full application of the OECD Guidelines on Conflict Mineral Resources (general human rights violations including child labor) in the EU from January 2021, many customers have been asking for “inspection of contents and information on conflict minerals for our products”. Therefore, as a part of our Corporate Social Responsibility (CSR), we are trying to address the problem of “conflict minerals” with the following policy.

- 1) We agree with “OECD Due Diligence Guidance” in accordance with OECD Annex II, we will address the issue of conflict minerals in foreign countries, including in high-risk areas (CAHRAs) and we shall take efforts to tackle the problem of conflict minerals.
- 2) We shall create a mechanism to control our products that contain the specific conflict minerals 3TG (tin, tantalum, tungsten, gold) and cobalt and mica) and continue to take efforts to adopt lower risk materials.
- 3) In close cooperation with related industrial organizations, we shall carry out an efficient and rational survey based on industrial standards, with good faith.
- 4) We shall share information about the conflict minerals which we obtain through supply chain with our partner companies as soon as possible.

7. Request to suppliers

You need not reply with Excel electronic data.

chemSHERPA by JAMP <http://chemsherpa.net/docs/guidelines>

(1) For delivered goods

1) Content survey of the Specific Harmful Chemical Substance

In case the content of the group of prohibited substances (level 1) by our thresholds is over the regulation level, enter “Yes” in content and report the amount contained.

In case it contains a substances from the group of substances to be reduced (level 2), enter “Yes” in content and report the amount contained.

In case it contains substances from the group of controlled substances (level 3), enter “Yes” in content and report the amount contained.

2) SDS

Suppliers should provide the latest format corresponding to the GHS Compliance and PRTR Regulation.

(If Content Disclosure is not sufficient, you may be requested to create and submit a separate composition table.)

It is in JIS format, based on the guidelines of Japan Chemical Industry Association.

3) chemSHERPA

This is an information management tool for chemical substances recommended by JAMP (Joint Article Management Promotion Consortium). Please download and use the latest version of "chemSHERPA chemical input support tool" available on chemSHERPA by JAMP.

Request regarding the file names

“chemSHERPA Product Name Company Name Document Creation Date”

(E.g. chemSHERPA ABC123 Iseda Chemicals 20220210)

Note while replying

No need to reply with the Excel version of the electronic data.

chemSHERPA by JAMP <https://chemsherpa.net/tool>

4) Other questionnaires

“Analysis report (ICP data etc.)”

You may be requested to submit an analysis report upon request from our customers.

In such a case, please submit data within one year from the date of analysis in your analysis report. After submission, it shall be considered to be valid until any changes occur. If our customers ask for a deadline, request you to kindly submit the report accordingly.

5) Green Procurement Guidelines Compliance Acceptance Letter

We request you to submit a “Green Procurement Guidelines Compliance Acceptance Letter” stating that you shall follow the guidelines for Green Procurement for the products delivered to us. In case the products contain substances that cannot be guaranteed, we request you to approach us at the earliest.

6) Raw materials procurement specifications

While drafting a contract for our exchanges with suppliers for the raw materials used by us, we request you to submit “Raw materials procurement specifications”.

7) Written consent to submit notification of changes in production conditions

We request you to agree that if there is any change in the current conditions of production for the products delivered to us, you shall notify us about the same in advance.

Frequency of surveys

We will request you to provide the above information whenever required and we request your cooperation for the same.

Request to suppliers

For inquiries, please contact below.

GOO CHEMICAL CO., LTD.	GOO CHEMICAL CO., LTD.
Purchase Department Quality Assurance Section	
TEL: 0774-46-7755	TEL: 0774-46-7777
FAX: 0774-46-7764	FAX: 0774-43-3552

(2) Communication to secondary suppliers

If you are a primary supplier and have secondary or tertiary suppliers, please promote and monitor green purchasing.

(3) Change management

In case of any changes in the production conditions of the delivered goods, suppliers are requested to submit the “Application form/ approval for changes in production conditions” with necessary information such as the reason for changes etc. Also send the environmental information again with it. Now, request you not to deliver us the products that have been actually changed until the “Application form/ approval for changes in production conditions” is approved. Besides, if there is any change in the reported environmental information, inform us one year or more than one year before change and wait for instructions from us.

(4) Response to the discovery of non-conforming products

Suppliers are requested to promptly contact us when nonconforming or questionable products related to banned substances are found and may have been shipped to us, even if they are in the questionable stage. This rule should be documented in a procedure manual, etc.

Attachment Content survey of the Specific Harmful Chemical Substance (chemSHERPA)

Attachment 1 “Green Procurement Guidelines Acceptance Letter”

Attachment 2 “Written consent to submit notification of changes in production conditions”

Attachment 3 “Application form/ approval for changes in production conditions”

Environmental laws & regulations and the category

GQ-842035-1

Abbr. of the regulation	Details	Category of regulation
RoHS 2.0 directive	Specified by directive on restriction of the use of certain hazardous substances in electrical and electronic equipment 10 substances (EU) 2015/863	Specified substances to be eliminated completely
EU REACH regulation	REACH is a regulation on chemical substances by the European Union adopted to put a limit on the chemical substances that need to be controlled and their usage. It regulates the chemicals that enter the market in 3 stages – Registration, Evaluation and Authorization.	Prohibited substances (Substances specified in Annex X VII (restricted substances))
EU Packaging Directive	Its objective of the Directive is to protect the environment and facilitate the correct functioning of the EU Internal Market by through reuse, recovery and recycling of packaging waste.	Prohibited substances
German regulation on daily necessities	Article 3 of German Daily Necessities Regulation regulates that “Azo dyes that can create any of the amines by cleavage of one or more azo groups (- N = N -) must not be used while manufacturing or handling the daily goods prescribed in Food and Daily Necessities Regulation, Article 5, paragraph 1, item 6.”	Prohibited substances
Industrial Safety and Health Act	Substances whose production is prohibited as specified in Article 55 of the Industrial Safety and Health Act, (Article 16 of the Enforcement Order of the Industrial Safety and Health Act)	Prohibited substances
Chemical Substances Control Law	Class 1 specified chemical substances prescribed in Article 2, paragraph 2 of the Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances	Prohibited substances
Ozone Layer Protection Act	Specified substances prescribed in Article 2 of the Law concerning the protection of the ozone layer through the control of specified substances that are specified in the Appendix of the same law. Group 1 (HCFC etc.) of Annex C, however, is excluded.	Prohibited substances
Act of Prevention of Radiation Hazards	This considers bioaccumulation of radioactive substances and its harm affects such as carcinogenicity. Measurement of the radiation dose is even higher than the level found in nature. Or that it is not intentionally added.	Prohibited substances
US Financial Regulatory Reform Act EU Conflict Minerals Regulation	“Tantalum, tin, tungsten, gold (3TGs), cobalt (Co) and mica” are defined as conflict minerals. This law makes it obligatory for companies to find out whether the conflict minerals used in their products are being used as a source for the armed groups in these areas and disclose their report annually.	Content controlled substances
Other laws	Although not mentioned here, each must be supported. Also, consider whether to make any additions or subtractions depending on new laws, reforms or the customer’s situation.	

Group of prohibited substances (level 1)

GQ-842035-2

NO.	Chemical substances	Regulation value	Corresponding laws
1	Cadmium / cadmium compounds *1	Intentional use prohibited and less than 100 ppm	RoHS 2.0 directive, REACH regulation EU packaging directive
2	Hexavalent chromium / hexavalent chromium compounds *1	Intentional use prohibited and less than 1000 ppm	RoHS 2.0 directive EU packaging directive
3	Lead / lead compounds *1	Intentional use prohibited and less than 1000 ppm	RoHS 2.0 directive REACH regulation EU packaging directive
4	Mercury /mercury compounds *1	Intentional use prohibited and less than 1000 ppm	RoHS 2.0 directive, REACH regulation, EU packaging directive
5	Polybrominated biphenyls (PBBs) Polybrominated diphenyl ethers (PBDEs)	Intentional use prohibited and less than 1000 ppm	RoHS 2.0 directive REACH regulation Chemical Substance Control Law
6	Tributyltin oxide (TBTO)	Intentional use prohibited	REACH regulation Chemical Substance Control Law
7	Tri-substituted organotin compounds (including tributyltin (TBT) and triphenyltin (TPT))	Intentional use prohibited and as tin less than 1000 ppm	REACH regulation Chemical Substance Control Law
8	Polychlorinated biphenyls (PCBs) and Polychlorinated terphenyls (PCTs)	Intentional use prohibited*3	REACH regulation Chemical Substance Control Law
9	Polychlorinated naphthalene (with 3 or more chlorine atoms)	Intentional use prohibited	Chemical Substance Control Law
10	Short chain chlorinated paraffin (C10-C13)	Intentional use prohibited	REACH regulation, POPs regulation
11	Asbestos	Intentional use prohibited	REACH regulation Industrial Safety and Health Act
12	Azo dyes and pigments that form specific amines	Intentional use prohibited and as specific amines less than 30mg/kg (30ppm)	REACH regulation
13	Ozone depleting substances (Excluding HCFCs such as CFCs, HBFCs, carbon tetrachloride etc.)	Intentional use prohibited	Ozone layer protection act, Montreal Protocol
14	Radioactive substances	Intentional use prohibited	Law on Regulation of Nuclear Raw Materials, Nuclear Fuel Materials and Reactors Act of Prevention of Radiation Hazards
15	Perfluorooctanoic acid (PFOA) <u>or its salts</u>	Intentional use prohibited	Norway Product Regulations
16	Other than the specified use of Perfluorooctane sulfonate (PFOS) <u>or its salts</u>	Intentional use prohibited	REACH regulation Chemical Substance Control Law Stockholm convention on Persistent Organic Pollutants

17	DMF (Dimethyl fumarate)	Intentional use prohibited and less than 1000 ppm	REACH regulation
18	Specific benzotriazole	Intentional use prohibited	Chemical Substance Control Law
19	Hexabromocyclododecane (HBCDD)	Intentional use prohibited	REACH regulation Chemical Substance Control Law
20	Diocyltin (DOT) compounds	Intentional use prohibited	REACH regulation
21	Polycyclic aromatic hydrocarbons (PAHs) *2	Intentional use prohibited	
22	Arsenic trioxide, arsenic pentoxide	Intentional use prohibited	REACH regulation

- *1 For packaging materials, the total amount of cadmium, hexavalent chromium, lead and mercury should be 100 ppm or less.
1 to 5: 10 substances banned by RoHS2.0 directive (Certain phthalate esters are treated as 'substances to be reduced' in our Company)
- *2 EU standards shall be adopted for Polycyclic aromatic hydrocarbons (PAHs).
- *3 If a byproduct is confirmed to be a Class 1 Specified Chemical Substance under the Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc., the upper limit value based on the BAT report of the manufacturer/importer of the material concerned shall be followed.

Polycyclic aromatic hydrocarbons (PAHs)

GQ-842035-3

No.	Group of chemicals corresponding to polycyclic aromatic hydrocarbons
1	Benzo [a] anthracene
2	Chrysene
3	Benzo [b] fluoranthene
4	Benzo [j] fluoranthene
5	Benzo [k] fluoranthene
6	Benzo [a] pyrene
7	Benzo [e] pyrene
8	Dibenzo [a, h] anthracene

Azo dyes and pigments that form specific amines

GQ-842035-4

CAS No.	Name of substance
60-09-3	4-aminoazobenzene
90-04-0	o-anisidine
91-59-8	2-naphthylamine
91-94-1	3,3-dichlorobenzidine
92-67-1	4-aminodiphenyl
92-87-5	benzidine
95-53-4	o-toluidine
95-69-2	4-chloro-o-toluidine
95-80-7	2,4-Tolylenediamine
97-56-3	o-aminoazotoluene
99-55-8	2-amino-4-nitrotoluene
101-14-4	4,4'-methylene-bis (2-chloroaniline)
101-77-9	4,4'-diaminodiphenylmethane
101-80-4	4,4'-oxydianiline
106-47-8	p-chloroaniline
119-90-4	3,3'-Dimethoxybenzidine
119-93-7	3,3'-dimethylbenzidine
120-71-8	p-cresidine
137-17-7	2,4,5-trimethylaniline
139-65-1	4,4'-thiodianiline
615-05-4	2,4-Diaminoanisole
838-88-0	4,4'-diamino-3, 3'-dimethylphenyl methane

Group of substances to be reduced (level 2)

GQ-842035-5

	Standard name to be managed	
1	Chlorine-based organic solvents	Excluding substances prohibited by our Company
2	Other chlorinated organic compounds	
3	Formaldehyde	
4	Polyvinyl chloride (PVC) and PVC mixture	
5	Specific phthalates (DEHP, DBP, BBP, DINP, DIDP, DNOP, DNHP, DIBP)	
6	Dibutyltin (DBT) compound	
7	Per- and PolyFluoroAlkyl substances(PFAS)	
8	Nonylphenol ethoxylate	

※Other substances not used at the customer's request will be notified separately.

Group of controlled substances (Level 3)
JAMP Declarable Substances Reference

GQ-842035-6

	Standard name to be managed	(Establishment/ Revision)	
1	(JP) Chemical Substances Control Law: Class I Specified Chemical Substances	(Latest version)	Excluding substances prohibited by our Company
2	(US) Toxic Substances Control Act (TSCA): Section 6	(Latest version)	
3	(EU) Directive 2000/53/EC (ELV) : Targeted substances	(Latest version)	
4	(EU) 2011/65/EU (RoHS): Annex II	(Latest version)	
5	(EU) 2019/1021 (POPs): Annex I	(Latest version)	
6	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorizations Substances	(Latest version)	
7	(EU) REACH (No 1907/2006) : Annex XVII Restriction substances	(Latest version)	
8	(EU) Medical Devices Regulation (MDR) (EU)2017/745: Annex I 10.4 Substances	(Latest version)	
9	Global Automotive Declarable Substance List (GADSL)	(Latest version)	
10	IEC 62474 DB Declarable substance groups and declarable substances	(Latest version)	

GOO CHEMICAL CO., LTD.

ToPurchase Dept.

 (Fill in the space)Date

Content survey of the Specific Harmful Chemical Substance

Department In-charge	<input type="text"/>
Person In-charge	<input type="text"/>
Tel	<input type="text"/>
E-mail	<input type="text"/>

Company Name	<input type="text"/>
Title	<input type="text"/>
Name of person in-charge	<input type="text"/>

We conducted an investigation about the inclusion of specific hazardous chemical substances corresponding to GOO CHEMICAL CO., LTD. 'Group of prohibited substances (level 1)', 'Group of substances to be reduced (level 2)' and 'Group of controlled substances'. The results were as follows.

We shall report in advance in case of any changes in the surveyed content.

Investigation results:

Version of ChemSHERPA used for investigation:

Ver.

No.	Product Name	Content Yes/No	If content is present				
			Names of substances contained	CASNo.	Content (ppm)	Purpose of inclusion	Remarks
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
14	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Contact Information

GOO CHEMICAL CO., LTD.

Department In-charge: Purchase Department

E-mail: shizai@goo-chem.co.jp

Tel: 0774-46-7755

Fax: 0774-46-7764

GOO CHEMICAL CO., LTD.

ToPurchase Department

Green Procurement Guidelines Acceptance Letter

We shall adhere to the Green Procurement Guidelines, with the following scope of application, for the products to be delivered to GOO CHEMICAL CO., LTD.

If GOO CHEMICAL CO., LTD. incurs any damage caused by our violation of these guidelines and the following compliances, we shall agree to hold talks for damage compensation.

1. Scope of application for Green Procurement guidelines
 - GOO CHEMICAL CO., LTD. “Green Procurement Guidelines” (GQ-842035)
 - Applicable product range - All products delivered to GOO CHEMICAL CO., LTD. or the specified products
2. Rules to be observed
 - (1) We guarantee that the chemical substances mentioned below have not been used in the products delivered to GOO CHEMICAL CO., LTD.
 - Group of prohibited substances (level 1) listed in “Green Procurement Guidelines” GQ-842035-2 (latest version)
 - Any other substances that have been prohibited by domestic and international laws.
 - (2) We agree to the “Written consent to submit notification of changes in production conditions” (“consent”) prescribed in these guidelines and we shall notify GOO CHEMICAL CO., LTD. about changes specified in the consent one year or more than one year before change.
However, in case we are not able to notify due to unavoidable circumstances such as natural disasters or accidents, we will notify you about the same at the earliest.
 - (3) We will cooperate during Green Procurement audit as required by GOO CHEMICAL CO., LTD.
 - (4) We will extend our cooperation on the following matters in the investigation on environmentally hazardous substances as requested by GOO CHEMICAL CO., LTD.
 - 1) Comply with the requested deadline for responding to the investigation
 - 2) Submit questionnaires as requested by GOO CHEMICAL CO., LTD.
Further, is the “Green Procurement Guidelines” are revised, we shall promptly check the questionnaire submitted by us and inform the Company in case we find a mismatch.
 - 3) Carry out additional investigation in case customers of GOO CHEMICAL CO., LTD. request for an investigation of the substances not mentioned in these guidelines.
 - (5) We will cooperate in the investigation to ensure that efforts are being taken for company’s corporate social responsibility (CSR).

Signature	YYYY MM DD
Company name:	Seal
Affiliation / title:	
Name of person in-charge :	Seal

Attachment 2. Written consent to submit notification of changes in production conditions (Example format)

GOO CHEMICAL CO., LTD.

To Purchase Department

Written consent to submit notification of changes in production conditions

In case of any changes in production conditions, mentioned below, for the products to be delivered to GOO CHEMICAL CO., LTD., we agree in principal to notify GOO CHEMICAL CO., LTD. of the changes in advance.

If GOO CHEMICAL CO., LTD. incurs any damage due to the changed production conditions that were not communicated to them in advance, we shall agree to hold talks for damage compensation.

(Changes that must be notified *Need not notify minor changes in the production equipment etc. where it can be guaranteed that the quality would not be affected)

- 1) Location of production
 - Addition or change in the production facility/ production location
- 2) Production method/ conditions
 - Changes in the method or conditions of production
- 3) Production equipment
 - Changes in the equipment (including new installations and expansions)
 - Changes or expansion of production line
- 4) Material
 - Change or addition of material manufacturers
 - Change of material
 - Use of recycled materials (including changes in the mixing ratio)
- 5) Inspection
 - Changes in inspection method (including changes in the sampling frequency) or standards
- 6) Packaging specifications
 - Packaging material, package variety, quantity
- 7) Manufacturing subcontractor
- 8) Assurance system
- 9) Changes in the management items of QC process chart other than the above
- 10) Specific hazardous chemical substances
 - Change in content

* Need not notify minor changes in the production equipment etc. where it can be guaranteed that the quality would not be affected

Signature	YYYY MM DD
<div style="display: flex; justify-content: space-between;"> <div> <u>Company name:</u> <u>Affiliation / title:</u> <u>Name of person in-charge :</u> </div> <div style="text-align: right;"> <u>Seal</u> <u>Seal</u> </div> </div>	

GOO CHEMICAL CO., LTD. Purchase Department				Approved by	Issued by
Application form/ approval for changes in production conditions					
Application date					
Company name		Contact info	TEL: FAX: Mail:		
Person In-charge	(Affiliated to)				
Product name		Procurement specification No.			
Type of change Circle the applicable item	1. Production location 2. Production method/ conditions 3. Production equipment (Including production line changes and expansions) 4. Material 5. Inspection 6. Packaging specifications 7. Manufacturing subcontractor 8. Assurance system 9. QC system other than above 10. Specific hazardous chemical substance				
	Before change				
	Time of change: YYYY MM DD (production / shipping)				
	After change				
	Expected effects on quality				
	Environment / quality information (check the separate attached items)				
	<input type="checkbox"/> Sample submission <input type="checkbox"/> Content survey of the Specific <input type="checkbox"/> Actual statistical data of old and new production Harmful Chemical Substance <input type="checkbox"/> Witness confirmation <input type="checkbox"/> SDS <input type="checkbox"/> Composition table <input type="checkbox"/> ICP data <input type="checkbox"/> chemSHERPA <input type="checkbox"/> Other ()				
Notes	1) Application form must be submitted one year or more than one year before change as a general rule. 2) If the space is not sufficient, extra sheets can be attached.				
To be filled by GOO Chemicals	1. Quality check				
	2. Conformation of contained substances <input type="checkbox"/> Adequate <input type="checkbox"/> Inadequate (Report) Substance name and quantity if content is present “.....”				
	* Notice of decision YYYY MM DD				
	1. The above application changes in production conditions is approved. Approved on YYYY MM DD (production/ shipping) Minutes 2. This has been rejected due to the following reasons.			APPD QA Dept.	APPD Research Dept.
	Reason for rejection:				

Main Revision History

Date of revision	Version No.	Major revisions
2015.01.30	Version 1	First version
2017.07.07	Version 2	<ul style="list-style-type: none"> ■ Following the release of version 2, integrated the Guidelines for Green Procurement (for distribution) and Appendix of version 1. ■ Revised the contents as per the changes in the Company's quality and environmental policy. ■ Added Conflict Mineral investigation policy ■ Added chemSHERPA as a survey method ■ Added Group of substances to be reduced (level 2) ■ Added substances to the Group of prohibited substances (level 1) and Group of controlled substances (level 3) ■ Changed the location for submitting the survey forms from the Quality Assurance Section to the Purchase Department. ■ Modified the duration for changing ■ Modified details about the deadline for changes in Green Procurement Guidelines Acceptance Letter
2017.11.20	Version 3	<ul style="list-style-type: none"> ■ Transition grace period of MSDSplus in connection to ChemSHERPA's transition in December 2017 is added. ■ Specified poison of Poisonous and Deleterious Substances Control Act classified "level 3 managed substances" modified to Control Act to 1 st category specified substance of Chemical Substances Control Law.
2022.1.12	Version 5	<ul style="list-style-type: none"> ■ The Company's Conflict Minerals Policy was reviewed in accordance with the EU Conflict Mineral Resources Regulation that came into effect in January 2021. ■ Deletion of the (Revised/Enacted) column of the Reduced Substance Group (Level 2). ■ Added conflict minerals (cobalt, mica). ■ Corrected the chemSHERPA input support URL. ■ Added "Communication to secondary suppliers. ■ Addition of information on what to do when nonconforming products are found.
2024.7.1	Version 6	<ul style="list-style-type: none"> ■ Revision of our policy on conflict minerals (conflict free) and addition of China RoHS to JAMP controlled substances ■ Added 3TG, a conflict mineral that is subject to the law ■ Add to the change type of Attachment 3 of the Written consent to submit notification of changes in production conditions, change of the circulation department
<u>2024.12.25</u>	<u>Version 7</u>	<ul style="list-style-type: none"> ■ <u>Added Group of substances to be reduced (level 2)</u>