

## Customer information – Explosives precursors

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Dear customers,

A number of MACHEREY-NAGEL products fall within the scope of the current EU Regulation on the restriction of precursors for the manufacture of explosives (EU 2019/1148).

MACHEREY-NAGEL products for analytical purposes are affected, if they contain the following restricted explosives precursors listed in Appendix I:

Substance	CAS – Number	Concentration (w/w)
Sulfuric acid	7664-93-9	> 15 %
Nitric acid	7697-37-2	> 3 %
Sodium perchlorate	7601-89-0	> 40 %

At least one compound of the analytical testkit is a mixture with a restricted explosive precursor.

Please compare the composition of the product with the information in section 3 of the corresponding safety data sheet. MACHEREY-NAGEL provides safety data sheets on the following website: [www.mn-net.com/SDS](http://www.mn-net.com/SDS)

The following customer declaration is about the confirmation of your knowledge of the receipt of the information in the supply chain about the purchase of a restricted starting material for the manufacture of explosives. Please note that active communication in the supply chain is mandatory for all actors.

MACHEREY-NAGEL informs affected customers every 12 months and must ask for the customer information to be renewed after this period has expired.

Your data will be handled in accordance with the data protection guidelines: [www.mn-net.com/datenschutz](http://www.mn-net.com/datenschutz)

Our sales, customer service and chemical compliance management teams will be happy to answer any questions you may have.

Kind regards

MACHEREY-NAGEL GmbH & Co. KG



i. A. Michael Plümper  
Chemical Compliance Management

## Statement of customer

Declaration on the specific use of a restricted explosives precursor in accordance with Regulation (EU) 2019/1148 of the European Parliament and of the Council (1). Please send the signed declaration back to eve@mn-net.com.

Please use capital letters

Company:

Customer number:

*obligatory*

*obligatory*

Value added tax or another company identification number (\*) / Adress:

*obligatory*

Authorized representative (company principal):

*obligatory*

Identity card (number, issuing authority):

*obligatory*

Trade / Business / Profession:

*obligatory*

Comments:

Products:

Products, which are not in the appendix (REF - Product designation):

as listed in the appendix

*Reference: Applies to the products listed in the MACHEREY-NAGEL appendix „Relevant products acc. to EU 2019/1148“.*

Explosives precursors in MACHEREY-NAGEL products:

Substance	CAS – Number	Concentration (w/w)
Sulfuric acid	7664-93-9	> 15 %
Nitric acid	7697-37-2	> 3 %
Sodium perchlorate	7601-89-0	> 40 %

Indicated use:

Trading

Own use

The listed MACHEREY-NAGEL products must be used according to the legal identified use shown in section 1.2 of the safety data sheet.

I hereby declare that the commercial product and the substance or mixture that it contains shall be used only for the indicated use, which is in any case legitimate, and will be sold or delivered to another customer only if they make a similar declaration of use, respecting the restrictions established in Regulation (EU) 2019/1148 for the making available to the members of the general public.

Name (authorized representative):

Function:

Date:

Signature:

(1) Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013 (OJ L 186, 11.7.2019, p. 1).

(\*) You can verify the validity of a VAT identification number of an economic operator through the VIES website of the Commission. Depending on the national rules on data protection, some Member States will also provide the name and address linked to the given VAT identification number as they are recorded in the national databases.

## Appendix: Relevant products acc. to EU 2019/1148

REF	Description	CAS No	Substance Name	Concentration Range
740584	NucleoTrap® (100)	7601-89-0	sodium perchlorate	40–60
740584.10	NucleoTrap® (10)	7601-89-0	sodium perchlorate	40–60
740587	NucleoTraPCR (100)	7601-89-0	sodium perchlorate	40–60
740587.10	NucleoTraPCR (10)	7601-89-0	sodium perchlorate	40–60
740596.100	Buffer NT1 (100 mL)	7601-89-0	sodium perchlorate	40–60
740597	Buffer NT2 (100 mL)	7601-89-0	sodium perchlorate	40–60
91301	QUANTOFIX® Chromate	7697-37-2	nitric acid	13–20
91320	QUANTOFIX® Phosphate	7697-37-2	nitric acid	13–20
915004	VISOCOLOR® HE Chloride CL 500	7697-37-2	nitric acid	3–5
915204	VISOCOLOR® HE Chloride CL 500, refill pack	7697-37-2	nitric acid	3–5
918120	Sample conservation kit	7697-37-2	nitric acid	40–65
918120	Sample conservation kit	7664-93-9	sulfuric acid	80–98
91820	NANOCOLOR® Chloride	7697-37-2	nitric acid	13–20
91850	NANOCOLOR® Sludge	7697-37-2	nitric acid	40–65
91862	NANOCOLOR® Nickel	7697-37-2	nitric acid	13–20
931018	VISOCOLOR® ECO Chloride	7697-37-2	nitric acid	13–20
931218	VISOCOLOR® ECO Chloride, refill pack	7697-37-2	nitric acid	13–20
985007	NANOCOLOR® AOX 3	7697-37-2	nitric acid	13–20
985007	NANOCOLOR® AOX 3	7697-37-2	nitric acid	3–5
985019	NANOCOLOR® Chloride 200	7697-37-2	nitric acid	5–13
985021	NANOCOLOR® Chloride 50	7697-37-2	nitric acid	13–20
985619	NANOCOLOR® Chloride 200, Robot	7697-37-2	nitric acid	5–13
985621	NANOCOLOR® Chloride 50, Robot	7697-37-2	nitric acid	13–20
730085	CHROMABOND® col.SiOH-H2SO4/SA,3 mL, 500/500 mg	7664-93-9	sulfuric acid	30–51
730085.250	CHROMABOND®c.SiOH-H2SO4/SA,3 mL, 500/500 mg BIG	7664-93-9	sulfuric acid	30–51
730125	CHROMABOND® columns Kombi-Kit PCB	7664-93-9	sulfuric acid	30–51
915008	VISOCOLOR® HE Sulfite SU 100	7664-93-9	sulfuric acid	51–65
915009	VISOCOLOR® HE Oxygen SA 10	7664-93-9	sulfuric acid	51–65
915208	VISOCOLOR® HE Sulfite SU 100, refill pack	7664-93-9	sulfuric acid	51–65
915209	VISOCOLOR® HE Oxygen SA 10, refill pack	7664-93-9	sulfuric acid	51–65
91808	NANOCOLOR® Crack set	7664-93-9	sulfuric acid	30–51
91844	NANOCOLOR® Hydrazine	7664-93-9	sulfuric acid	15–30
91865	NANOCOLOR® Nitrate	7664-93-9	sulfuric acid	51–65
91877	NANOCOLOR® ortho Phosphate	7664-93-9	sulfuric acid	15–30
91878	NANOCOLOR® ortho Phosphate	7664-93-9	sulfuric acid	30–51
91878	NANOCOLOR® ortho Phosphate	7664-93-9	sulfuric acid	15–30
91888	NANOCOLOR® Sulfide	7664-93-9	sulfuric acid	51–65
920080	VISOCOLOR® HE Phosphate (DEV)	7664-93-9	sulfuric acid	30–51
920082	VISOCOLOR® HE Phosphate	7664-93-9	sulfuric acid	15–30
920180	VISOCOLOR® HE Phosphate (DEV), refill pack	7664-93-9	sulfuric acid	30–51
920182	VISOCOLOR® HE Phosphate, refill pack	7664-93-9	sulfuric acid	15–30
920183	VISOCOLOR® HE Phosphorus in soil, Refill set	7664-93-9	sulfuric acid	15–30
920183	VISOCOLOR® HE Phosphorus in soil, Refill set	7664-93-9	sulfuric acid	30–51
931015	VISOCOLOR® ECO Chlorine 2, free and total	7664-93-9	sulfuric acid	15–30

REF	Description	CAS No	Substance Name	Concentration Range
931016	VISOCOLOR® ECO free chlorine 2	7664-93-9	sulfuric acid	15–30
931021	VISOCOLOR® ECO Chlorine dioxide	7664-93-9	sulfuric acid	15–30
931030	VISOCOLOR® ECO Hydrazine	7664-93-9	sulfuric acid	51–65
931088	VISOCOLOR® ECO Oxygen	7664-93-9	sulfuric acid	80–98
931090	VISOCOLOR® ECO Swimming pool (Chlorine + pH)	7664-93-9	sulfuric acid	15–30
931094	VISOCOLOR® ECO Sulfide	7664-93-9	sulfuric acid	51–65
931215	VISOCOLOR® ECO Chlorine 2, free,total, refill	7664-93-9	sulfuric acid	15–30
931216	VISOCOLOR® ECO free chlorine 2, refill pack	7664-93-9	sulfuric acid	15–30
931221	VISOCOLOR® ECO Chlorine dioxide, refill pack	7664-93-9	sulfuric acid	15–30
931230	VISOCOLOR® ECO Hydrazine, refill pack	7664-93-9	sulfuric acid	51–65
931288	VISOCOLOR® ECO Oxygen, refill pack	7664-93-9	sulfuric acid	80–98
931290	VISOCOLOR® ECO Swimming pool (Cl <sub>2</sub> + pH),refill	7664-93-9	sulfuric acid	15–30
931294	VISOCOLOR® ECO Sulfide, refill pack	7664-93-9	sulfuric acid	51–65
931304	VISOCOLOR® Reagent case, new	7664-93-9	sulfuric acid	51–65
931601	VISOCOLOR® soil case, with accessories	7664-93-9	sulfuric acid	15–30
931601	VISOCOLOR® soil case, with accessories	7664-93-9	sulfuric acid	30–51
934110	Photometer PF-3 Pool	7664-93-9	sulfuric acid	15–30
934112	Photometer PF-3 Pool	7664-93-9	sulfuric acid	15–30
934114	Photometer PF-3 Pool	7664-93-9	sulfuric acid	15–30
934116	Photometer PF-3 Pool	7664-93-9	sulfuric acid	15–30
934118	Photometer PF-3 Pool, case, Cl <sub>2</sub> liquid	7664-93-9	sulfuric acid	15–30
934120	Photometer PF-3 Drinking Water	7664-93-9	sulfuric acid	15–30
934122	Photometer PF-3 Drinking Water	7664-93-9	sulfuric acid	15–30
934124	PF-3 Drinking Water, case, Cl <sub>2</sub> liquid	7664-93-9	sulfuric acid	15–30
934125	PF-3 Drinking Water, case, Cl <sub>2</sub> solid	7664-93-9	sulfuric acid	15–30
934127	Photometer PF-3 Fish, case	7664-93-9	sulfuric acid	15–30
934127	Photometer PF-3 Fish, case	7664-93-9	sulfuric acid	80–98
934127.1	Photometer PF-3 Fish, case -wc-	7664-93-9	sulfuric acid	15–30
934127.1	Photometer PF-3 Fish, case -wc-	7664-93-9	sulfuric acid	80–100
934220	VISOCOLOR® soil case with PF-3	7664-93-9	sulfuric acid	51–65
935019	VISOCOLOR® alpha Chlorine	7664-93-9	sulfuric acid	15–30
963026	NANOCOLOR® COD 160 Hg-free	7664-93-9	sulfuric acid	80–98
963026	NANOCOLOR® COD 160 Hg-free	7664-93-9	sulfuric acid	51–65
963029	NANOCOLOR® COD 1500, Hg-free	7664-93-9	sulfuric acid	80–98
985011	NANOCOLOR® COD 4000	7664-93-9	sulfuric acid	51–65
985012	NANOCOLOR® COD 60000	7664-93-9	sulfuric acid	65–80
985020	NANOCOLOR® COD 60 in salt water	7664-93-9	sulfuric acid	51–65
985022	NANOCOLOR® COD 60	7664-93-9	sulfuric acid	80–98
985023	NANOCOLOR® COD 10000	7664-93-9	sulfuric acid	51–65
985026	NANOCOLOR® COD 160	7664-93-9	sulfuric acid	80–98
985027	NANOCOLOR® COD 40	7664-93-9	sulfuric acid	80–98
985028	NANOCOLOR® COD 15000	7664-93-9	sulfuric acid	51–65
985029	NANOCOLOR® COD 1500	7664-93-9	sulfuric acid	80–98
985030	NANOCOLOR® COD 600	7664-93-9	sulfuric acid	80–98
985033	NANOCOLOR® COD 300	7664-93-9	sulfuric acid	80–98

REF	Description	CAS No	Substance Name	Concentration Range
985036	NANOCOLOR® COD LR 150	7664-93-9	sulfuric acid	80 – 98
985038	NANOCOLOR® COD HR 1500	7664-93-9	sulfuric acid	80 – 98
985041	NANOCOLOR® Formaldehyde 8	7664-93-9	sulfuric acid	80 – 98
985057	NANOCOLOR® HC 300	7664-93-9	sulfuric acid	80 – 98
985064	NANOCOLOR® Nitrate 50	7664-93-9	sulfuric acid	51 – 65
985065	NANOCOLOR® Nitrate 8	7664-93-9	sulfuric acid	51 – 65
985066	NANOCOLOR® Nitrate 250	7664-93-9	sulfuric acid	51 – 65
985067	NANOCOLOR® total Kjeldahl nitrogen TKN 16	7664-93-9	sulfuric acid	51 – 65
985073	NANOCOLOR® Sulfide 3	7664-93-9	sulfuric acid	51 – 65
985079	NANOCOLOR® ortho and total Phosphate 50	7664-93-9	sulfuric acid	15 – 30
985082	NANOCOLOR® Oxygen 12	7664-93-9	sulfuric acid	51 – 65
985083	NANOCOLOR® total Nitrogen TNb 22	7664-93-9	sulfuric acid	51 – 65
985088	NANOCOLOR® total Nitrogen TNb 220	7664-93-9	sulfuric acid	51 – 65
985090	NANOCOLOR® Sulfite 100	7664-93-9	sulfuric acid	30 – 51
985092	NANOCOLOR® total Nitrogen TNb 60	7664-93-9	sulfuric acid	51 – 65
985097	NANOCOLOR® Tin 3	7664-93-9	sulfuric acid	30 – 51
985622	NANOCOLOR® COD 60, robot	7664-93-9	sulfuric acid	80 – 98
985626	NANOCOLOR® COD 160, robot	7664-93-9	sulfuric acid	80 – 98
985628	NANOCOLOR® COD 15000, robot	7664-93-9	sulfuric acid	51 – 65
985629	NANOCOLOR® COD 1500, robot	7664-93-9	sulfuric acid	80 – 98
985630	NANOCOLOR® COD 600, robot	7664-93-9	sulfuric acid	80 – 98
985636	NANOCOLOR® COD LR 150 Robot	7664-93-9	sulfuric acid	80 – 98
985638	NANOCOLOR® CSB HR 1500 Robot	7664-93-9	sulfuric acid	80 – 98
985664	NANOCOLOR® Nitrate 50, Robot	7664-93-9	sulfuric acid	51 – 65
985665	NANOCOLOR® Nitrate 8, Robot	7664-93-9	sulfuric acid	51 – 65
985673	NANOCOLOR® Sulphide 3, robot	7664-93-9	sulfuric acid	51 – 65
985683	NANOCOLOR® total Nitrogen 22, robot	7664-93-9	sulfuric acid	51 – 65
985688	NANOCOLOR® total Nitrogen 220, Robot	7664-93-9	sulfuric acid	51 – 65
985822	NANOCOLOR® BOD5 (Winkler)	7664-93-9	sulfuric acid	51 – 65
985825	NANOCOLOR® BOD5-TT	7664-93-9	sulfuric acid	51 – 65

