

# Sodium dichromate [EC 234-190-3. CAS 10588-01-9]

## Downstream user notifications of REACH authorised uses

This worksheet lists notifications under Art 66 of REACH made to ECHA **by 30 June 2020**.

Fields marked with an asterisk are optional for companies to provide. NA = Not Available / Not Applicable

<i>Notification date</i>	<i>Latest update</i>	<i>Downstream user's name</i>	<i>Site country</i>	<i>Site address</i>	<i>Authorised use name</i>	<i>Typical annual quantity (t/y)*</i>	<i>Brief additional description of use*</i>	<i>Substitution activities*</i>	<i>Status</i>	<i>Reason for inactivation</i>
24/04/2020	24/04/2020	[CONFIDENTIAL INFORMATION]	Germany	[CONFIDENTIAL INFORMATION]	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	0.1 - 1	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	Active	NA
24/04/2020	24/04/2020	[CONFIDENTIAL INFORMATION]	Germany	[CONFIDENTIAL INFORMATION]	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	0.1 - 1	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	Active	NA
06/05/2020	06/05/2020	ACATEC	Spain	ACATEC Avda del Guijar 30-32 (ACATEC) 28500 Arganda del Rey	Use in formulation of mixtures intended exclusively for uses REACH/20/5/3, REACH/20/5/4, REACH/20/5/5, REACH/20/5/6, REACH/20/5/7 and REACH/20/5/8	0.1 - 1	The product is use to formulate sealing baths for the Aeronautical (civil and defense) sector	The substitution depends on our customers trials.	Active	NA
02/06/2020	02/06/2020	[CONFIDENTIAL INFORMATION]	Spain	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	1 - 10	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	Active	NA
29/05/2020	29/05/2020	SC INDUSTRIALCHIM SRL	Romania	INDUSTRIALCHIM SRL Sos Fundeni Nr 107-109 Sector 2 022314 Bucuresti	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required	1 - 10	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in the surface treatment processes in which any of the key functionalities listed in the Annex is required	no	Active	NA
05/06/2020	05/06/2020	Tata Steel IJmuiden BV	Netherlands (the)	IJmuiden Wenckebachstraat 1 1951 JZ Velsen-Noord	Use for electrolytic passivation of tin plated steel for the packaging industry.	10 - 100	Further description of the use can be found in Tata Steel's authorisation application for the Use of Sodium Dichromate for Passivation of Electrolytic Tinplate (ETP) (ECHA ID 0211-02).	Further information on Tata Steel IJmuiden's substitution activities can be found in Tata Steel's authorisation application for the Use of Sodium Dichromate for Passivation of Electrolytic Tinplate (ETP) (ECHA ID 0211-02).	Active	NA
08/06/2020	08/06/2020	Tata Steel UK Ltd	United Kingdom	Trostre Pemberton SA14 9SD Llanelli	Use for electrolytic passivation of tin plated steel for the packaging industry.	10 - 100	Further description of the use can be found in Tata Steel's authorisation application for the Use of Sodium Dichromate for Passivation of Electrolytic Tinplate (ETP) (ECHA ID 0211-02).	Further information on Tata Steel UK's substitution activities can be found in Tata Steel's authorisation application for the use of Sodium Dichromate for Passivation of Electrolytic Tinplate (ETP) (ECHA ID - 0211-02).	Active	NA
18/06/2020	18/06/2020	[CONFIDENTIAL INFORMATION]	Norway	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	0.01 - 0.1	NA	NA	Active	NA
18/06/2020	18/06/2020	[CONFIDENTIAL INFORMATION]	Germany	[CONFIDENTIAL INFORMATION]	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	0.01 - 0.1	corrosion protection of aerospace parts for civil and military use	possible replacement with citric acid	Active	NA

26/06/2020	26/06/2020	Czech Airlines Technics	Czechia	Letiště Praha, a.s. K letišti 1019/6 16100 Praha 6	Formulation of mixtures for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films and for use for electrolytic passivation of tin plated steel for the packaging industry intended exclusively for uses REACH/20/4/1 and REACH/20/4/2	0.01 - 0.1	Formulation of a mixture with demineralized water (con. 50-450 g/l) for galvanic plating for the aircraft industry.	No substitution is available/allowed by the aircraft industry	Active	NA
26/06/2020	26/06/2020	Czech Airlines Technics	Czechia	Letiště Praha, a.s. K letišti 1019/6 16100 Praha 6	Formulation of mixtures for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films and for use for electrolytic passivation of tin plated steel for the packaging industry intended exclusively for uses REACH/20/4/1 and REACH/20/4/2	0.01 - 0.1	Galvanic plating creates the required layer of metal with a thickness of 2.5 - 500 µm.	No substitution is available/allowed by the aircraft industry	Active	NA
26/06/2020	26/06/2020	Czech Airlines Technics	Czechia	Letiště Praha, a.s. K letišti 1019/6 16100 Praha 6	Surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	0.01 - 0.1	Formulation of a mixture with demineralized water (con. 50-450 g/l) for galvanic plating for the aircraft industry.	No substitution is available/allowed by the aircraft industry	Active	NA
26/06/2020	26/06/2020	Czech Airlines Technics	Czechia	Letiště Praha, a.s. K letišti 1019/6 16100 Praha 6	Surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	0.01 - 0.1	Galvanic plating creates the required layer of metal with a thickness of 2.5 - 500 µm.	No substitution is available/allowed by the aircraft industry	Active	NA

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## Aggregate of staff exposed per authorised uses

This worksheet presents an aggregate number of staff exposed per authorised uses based on the notifications made to ECHA under Art 66 of REACH *by 30 June 2020*.

NA = Not Available / Not Applicable

Authorised use name	Authorisation number	Number of notifications	Number of notification with the information available	Number of staff exposed - <b>[up to]</b>
Formulation of mixtures for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films and for use for electrolytic passivation of tin plated steel for the packaging industry intended exclusively for uses REACH/20/4/1 and REACH/20/4/2	REACH/20/4/0	3	3	19
Surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	REACH/20/4/1	2	2	12
Use in formulation of mixtures intended exclusively for uses REACH/20/5/3, REACH/20/5/4, REACH/20/5/5, REACH/20/5/6, REACH/20/5/7 and REACH/20/5/8	REACH/20/5/0	1	1	NA
Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required	REACH/20/5/3	1	1	NA
Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	REACH/20/5/4	4	3	39
Use for electrolytic passivation of tin plated steel for the packaging industry.	REACH/20/5/8	2	0	NA

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## REACH authorised uses

This worksheet lists uses for which a REACH authorisation has been granted.

Status as of **30 June 2020**.

For more information on applications for authorisation and a link to European Commission's authorisation decisions, visit <https://echa.europa.eu/applications-for-authorisation-previous-consultations>

<i>Date of authorisation decision</i>	<i>Authorisation holder's name</i>	<i>Country</i>	<i>Address</i>	<i>Authorised use name</i>	<i>Authorisation number</i>	<i>Authorisation status</i>	<i>Expiry of review period</i>
29/05/2017	ARLANXEO Netherlands B.V.	NETHERLANDS	Urmonderbaan 24 6167 RD Geleen	Use of sodium dichromate as corrosion inhibitor in ammonia absorption deep cooling systems.	REACH/17/11/0	Granted	21/09/2029
07/06/2017	ELECTROQUÍMICA DE HERNANI, S.A.	SPAIN	EPELE 20120 HERNANI	Use of sodium dichromate as an additive for supressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide or sodium chlorite	REACH/17/15/0	Granted	21/09/2029
07/06/2017	Kemira Chemicals Oy	FINLAND	Harmajantie 3 P.O Box 7 FI-32741 SASTAMALA	Use of sodium dichromate as an additive for supressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide or sodium chlorite	REACH/17/16/0	Granted	21/09/2029
07/06/2017	SOLVAY PORTUGAL - PRODUTOS QUIMICOS S.A.	PORTUGAL	RUA ENG. CLEMENT DUMOULIN 2625-106 POVOA DE SANTA IRIA	Use of sodium dichromate as an additive for supressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide or sodium chlorite	REACH/17/17/0	Granted	21/09/2029
07/06/2017	Ercros SA	SPAIN	Avenida Diagonal 593-595 08014 Barcelona	Use of sodium dichromate as an additive for supressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide or sodium chlorite	REACH/17/18/0	Granted	21/09/2029
07/06/2017	CAFFARO BRESCIA S.r.l	ITALY	viale Sondrio 2 20124 Milano	Use of sodium dichromate as an additive for supressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide or sodium chlorite	REACH/17/19/0	Granted	21/09/2029
29/01/2018	Nouryon Pulp and Performance Chemicals AB	SWEDEN	Färjevägen 1 SE-445 80 Bohus	Use of sodium dichromate as an additive for suppressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide.	REACH/17/26/0	Granted	21/09/2029
29/01/2018	Nouryon Finland Oy	FINLAND	Rälssintie 7 C 01510 VANTAA	Use of sodium dichromate as an additive for suppressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide.	REACH/17/26/1	Granted	21/09/2029

29/01/2018	Nouryon Pulp and Performance Chemicals S.A.S.	FRANCE	Z.I. du Bec 33810 Ambès	Use of sodium dichromate as an additive for suppressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide.	REACH/17/26/2	Granted	21/09/2029
29/01/2018	Nouryon Pulp and Performance Chemicals AB	SWEDEN	Färjevägen 1 SE-445 80 Bohus	Use of sodium dichromate as an additive for suppressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of potassium chlorate.	REACH/17/26/3	Granted	21/09/2029
15/12/2017	Gruppo Colle.S.r.l.	ITALY	Via G.Di Vittorio 3/5 Via G.Di Vittorio 3/5 59025 Usella Cantagallo	Use of sodium dichromate as mordant in wool dyeing with dark colours	REACH/17/27/0	Granted	15/12/2021
29/01/2018	ARKEMA FRANCE	FRANCE	420 rue d'Estienne d'Orves 92700 COLOMBES	Use of sodium dichromate as an additive for suppressing parasitic reactions and oxygen evolution, pH buffering and cathode corrosion protection in the electrolytic manufacture of sodium chlorate with or without subsequent production of chlorine dioxide or sodium chlorite	REACH/17/30/0	Granted	21/09/2029
20/02/2018	TOTAL RAFFINERIE MITTELDEUTSCHLAND GMBH	GERMANY	MAIENWEG, 1 D06237 LEUNA	Use of sodium dichromate as a corrosion inhibitor in ammonia absorption deep cooling system of a methanol synthesis plant.	REACH/17/31/0	Granted	21/09/2029
23/03/2018	Jacobs Douwe Egberts DE GmbH	GERMANY	Weser Ems Str 1-3 28309 Bremen	Use of sodium dichromate as corrosion inhibitor in ammonia absorption deep cooling systems as applied in the industrial production of freeze-dried products such as coffee, herbs, spices and comparable products.	REACH/17/32/0	Granted	21/09/2029
23/03/2018	Dr. Otto Suwelack Nachf. GmbH & Co. KG	GERMANY	Josef-Suwelack-Str. 48727 Billerbeck	Use of sodium dichromate as corrosion inhibitor in ammonia absorption deep cooling systems as applied in the industrial production of freeze-dried products such as coffee, herbs, spices and comparable products.	REACH/17/32/1	Granted	21/09/2029
23/03/2018	Européenne de Lyophilisation S.A.	BELGIUM	Rue Cafea 1 B-4460 GRACE-HOLLOGNE	Use of sodium dichromate as corrosion inhibitor in ammonia absorption deep cooling systems as applied in the industrial production of freeze-dried products such as coffee, herbs, spices and comparable products.	REACH/17/32/2	Granted	21/09/2029
08/02/2017	Boliden Mineral AB	SWEDEN	Rönnskärsverken 93281 Skelleftehamn	Use of sodium dichromate in copper/lead separation in concentrators handling complex sulphide ores	REACH/17/4/0	Granted	21/09/2024
15/06/2018	Souriau sas	FRANCE	RD323 72470 Champagné	Industrial use of a mixture containing sodium dichromate for the conversion of cadmium coated circular and rectangular connectors in order to achieve a higher level of performances than the requirements of international standards as well as to withstand harsh environments and high safety applications (such as in the military, aeronautic, aerospace, mining, offshore and nuclear industries or for the application in safety devices for road vehicles, rolling stock and vessels).	REACH/18/6/1	Granted	21/09/2029
15/06/2018	Souriau sas	FRANCE	RD323 72470 Champagné	Industrial use of a mixture containing sodium dichromate in conversion coating and passivation of circular and rectangular connectors in order to meet the requirements of international standards and special requirements of industries subject to harsh environments.	REACH/18/6/11	Granted	21/09/2024
15/06/2018	Amphenol Limited	UNITED KINGDOM	Thanet Way CT5 3JF Whitstable	Industrial use of a mixture containing sodium dichromate in conversion coating and passivation of circular and rectangular connectors in order to meet the requirements of international standards and special requirements of industries subject to harsh environments.	REACH/18/6/13	Granted	21/09/2024

15/06/2018	AMPHENOL SOCAPEX	FRANCE	948, Promenade de l'Arve 74311 THYEZ	Industrial use of a mixture containing sodium dichromate in conversion coating and passivation of circular and rectangular connectors in order to meet the requirements of international standards and special requirements of industries subject to harsh environments.	REACH/18/6/15	Granted	21/09/2024
15/06/2018	TE UK Ltd	UNITED KINGDOM	Faraday Road SN3 5HH Swindon	Industrial use of a mixture containing sodium dichromate for the conversion of cadmium coated circular and rectangular connectors in order to achieve a higher level of performances than the requirements of international standards as well as to withstand harsh environments and high safety applications (such as in the military, aeronautic, aerospace, mining, offshore and nuclear industries or for the application in safety devices for road vehicles, rolling stock and vessels).	REACH/18/6/9	Granted	21/09/2029
12/06/2019	H&R Ölwerke Schindler GmbH	GERMANY	Neuhöfer Brückenstr. 127-152 21107 Hamburg	Use of sodium dichromate as corrosion inhibitor in ammonia absorption deep cooling systems, applied for the dewaxing and deoiling process steps of petroleum raffinate	REACH/19/18/0	Granted	12/06/2031
12/06/2019	H&R Chemisch-Pharmazeutische Spezialitäten GmbH	GERMANY	Neuenkirchener Strasse 8 48499 Salzbergen	Use of sodium dichromate as corrosion inhibitor in ammonia absorption deep cooling systems, applied for the dewaxing and deoiling process steps of petroleum raffinate	REACH/19/18/1	Granted	12/06/2031
22/10/2019	ZF Luftfahrttechnik GmbH	GERMANY	Flughafenstrasse 34379 Calden	Surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films, in the production of transmissions for helicopters and in maintenance of helicopters	REACH/19/28/0	Granted	21/09/2024
28/02/2019	Borealis Plastomers B.V.	NETHERLANDS	Koolwaterstofstraat 1 6161 RA Geleen	Use as in-situ corrosion inhibitor in a closed water/ammonia absorption cooling system.	REACH/19/3/0	Granted	21/09/2029
14/04/2020	Gentrochema BV	NETHERLANDS	Lage Ham 190 5102 AE Dongen	Formulation of mixtures for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films and for use for electrolytic passivation of tin plated steel for the packaging industry intended exclusively for uses REACH/20/4/1 and REACH/20/4/2	REACH/20/4/0	Granted	21/09/2024
14/04/2020	Gentrochema BV	NETHERLANDS	Lage Ham 190 5102 AE Dongen	Surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	REACH/20/4/1	Granted	21/09/2024
14/04/2020	Gentrochema BV	NETHERLANDS	Lage Ham 190 5102 AE Dongen	Electrolytic passivation of tin plated steel for the packaging industry.	REACH/20/4/2	Granted	14/04/2024
14/04/2020	Brenntag UK Ltd	UNITED KINGDOM	Redvers Close lawnswood Business Park LS16 6QY Leeds	Use in formulation of mixtures intended exclusively for uses REACH/20/5/3, REACH/20/5/4, REACH/20/5/5, REACH/20/5/6, REACH/20/5/7 and REACH/20/5/8	REACH/20/5/0	Granted	21/09/2024
14/04/2020	Henkel AG & Co. KGaA	GERMANY	Henkelstrasse 67 40191 Duesseldorf	Use in formulation of mixtures intended exclusively for uses REACH/20/5/3, REACH/20/5/4, REACH/20/5/5, REACH/20/5/6, REACH/20/5/7 and REACH/20/5/8.	REACH/20/5/1	Granted	21/09/2024
14/04/2020	AD International BV	NETHERLANDS	Markweg Zuid 27 4794 SN Heijningen	Use in formulation of mixtures intended exclusively for uses REACH/20/5/3, REACH/20/5/4, REACH/20/5/5, REACH/20/5/6, REACH/20/5/7 and REACH/20/5/8	REACH/20/5/2	Granted	21/09/2024
14/04/2020	Brenntag UK Ltd	UNITED KINGDOM	Redvers Close lawnswood Business Park LS16 6QY Leeds	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required	REACH/20/5/3	Granted	21/09/2024



14/04/2020	Henkel AG & Co. KGaA	GERMANY	Henkelstrasse 67 40191 Duesseldorf	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	REACH/20/5/4	Granted	21/09/2024
14/04/2020	AD International BV	NETHERLANDS	Markweg Zuid 27 4794 SN Heijningen	Use for surface treatment of metals (such as aluminium, steel, zinc, magnesium, titanium, alloys), composites and sealings of anodic films for the aerospace sector in surface treatment processes in which any of the key functionalities listed in the Annex is required.	REACH/20/5/5	Granted	21/09/2024
14/04/2020	Brenntag UK Ltd	UNITED KINGDOM	Redvers Close lawnswood Business Park LS16 6QY Leeds	Use for electrolytic passivation of tin plated steel for the packaging industry	REACH/20/5/6	Granted	14/04/2024
14/04/2020	Henkel AG & Co. KGaA	GERMANY	Henkelstrasse 67 40191 Duesseldorf	Use for electrolytic passivation of tin plated steel for the packaging industry.	REACH/20/5/7	Granted	14/04/2024
14/04/2020	AD International BV	NETHERLANDS	Markweg Zuid 27 4794 SN Heijningen	Use for electrolytic passivation of tin plated steel for the packaging industry.	REACH/20/5/8	Granted	14/04/2024