

Chromium trioxide [EC 215-607-8. CAS 1333-82-0]

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

Notification date	Latest update	Downstream user's name	Site country	Site address	Authorised use name	Typical annual quantity (t/y)*	Brief additional description of use*	Substitution activities*	Status	Reason for inactivation
24/09/2018	03/01/2019	[CONFIDENTIAL INFORMATION]	Belgium	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	1 - 10	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	ACTIVE	NA
26/10/2018	26/10/2018	[CONFIDENTIAL INFORMATION]	Belgium	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	1 - 10	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	ACTIVE	NA
17/01/2019	17/01/2019	CRMA	France	14 avenue Gay Lussac 78990 ELANCOURT NA	Industrial spraying or brush application of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment, to ensure a high temperature corrosion and oxidation resistance, as well as deposit-resistant properties of the surface or lubricity at high temperature, for automotive, aviation, power generation machinery, oil and gas and marine applications	0.01 - 0.1	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	ACTIVE	NA
25/04/2019	25/04/2019	Roland Schweizer GmbH	Germany	Fasaneriestrasse, 5 63456 Hanau NA	Industrial spraying or brush application of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment, to ensure a high temperature corrosion and oxidation resistance, as well as deposit-resistant properties of the surface or lubricity at high temperature, for automotive, aviation, power generation machinery, oil and gas and marine applications	0.1 - 1	Use 2 Hartchrom; Use 3 Funktionelle Verchromung mit Dekorativem Charakter (Glanzchrom); Use 5 verschiedene Oberflächenbehandlung (Chromatierungen)	max. usage 50 kg per year	ACTIVE	NA
29/04/2019	29/04/2019	Braunbeck GmbH	Germany	Hanauer Landstr. 39 63791 Karlstein am Main NA	Industrial spraying or brush application of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment, to ensure a high temperature corrosion and oxidation resistance, as well as deposit-resistant properties of the surface or lubricity at high temperature, for automotive, aviation, power generation machinery, oil and gas and marine applications	10 - 100	NA	NA	ACTIVE	NA
24/05/2019	24/05/2019	ELECTROPOLI France	France	Rue Malgras 52100 Saint-Dizier NA	[CONFIDENTIAL INFORMATION]	1 - 10	[CONFIDENTIAL INFORMATION]	[CONFIDENTIAL INFORMATION]	ACTIVE	NA

13/06/2019	13/06/2019	Rotometrics International Ltd	United Kingdom	Walsall Road Ws9 0SW Walsall NA	Industrial spraying of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment to ensure either a low temperature-cured coating for corrosion protection, or a high temperature corrosion and oxidation resistance with reduction of surface roughness or a high temperature adhesive, for aviation, power generation machinery, oil and gas and marine applications	0.1 - 1	Use Chromium Trioxide flakes in a chrome solutions for the chrome plating of flexible and solid dies. Perform weekly air monitoring and perosnnel checks for those working in area.	Currently working on a replacement for chrome on flexible dies. This involve the use of a nikel/diamond mix. Trails and testing are ongoing. With a view to implement onto flexible dies towards the end of 2019	ACTIVE	NA
25/01/2020	25/01/2020	DIOXID Sp. z o.o.	Poland	Mięsowicza 4a 38-400 Krosno	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	NA	corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection,	NA	ACTIVE	NA
03/02/2020	03/02/2020	Polskie Zakłady Lotnicze Sp. z o.o	Poland	ul.Wojska Polskiego 3 39-300 Mielec	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	Magnesiun treatment solution applied as chemical conversion coating by the aerospace sector for corrosion resistance	n/a	ACTIVE	NA
18/02/2020	31/03/2020	Pratt and Whitney Rzeszów S.A.	Poland	Hetmanska 120 35-078 Rzeszów	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	Coating of aero engine components and subsemblies with following key functionalities: corrosion protection, heat resilience, resistance to humidity and hot water, thermal shock resistance, adhesion, flexibility	Substitution of substance not possible as our investigation concluded that there is no technically feasible alternative yet. We plan to stop usage of product with that substance 31/March/2020 under this authorisation, due to product portfolio simplification program.	ACTIVE	NA

26/02/2020	26/02/2020	GE Avio S.r.l.	Italy	Viale Arno 60 72100 Brindisi (BR)	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	NA	NA	ACTIVE	NA
26/02/2020	26/02/2020	GE Avio S.r.l.	Italy	Via I Maggio 99 10040 Rivalta di Torino (TO)	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	NA	NA	ACTIVE	NA
18/03/2020	18/03/2020	Lufthansa Technik AG	Germany	Rudolf Diesel Strasse 10 55232 Alzey	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	1 - 10	Needed to ensure corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating) in accordance with legally binding airworthiness requirements.	NA	ACTIVE	NA

18/03/2020	18/03/2020	Lufthansa Technik AG	Germany	Tor 23 60549 Frankfurt	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	1 - 10	Needed to ensure corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating) in accordance with legally binding airworthiness requirements.	NA	ACTIVE	NA
18/03/2020	18/03/2020	Lufthansa Technik AG	Germany	Weg beim Jaeger 193 22335 Hamburg	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	1 - 10	Needed to ensure corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating) in accordance with legally binding airworthiness requirements.	NA	ACTIVE	NA
18/03/2020	18/03/2020	Lufthansa Technik AG	Bulgaria	1540, bul Christopher Columbus 1592 Sofia	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	1 - 10	Needed to ensure corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating) in accordance with legally binding airworthiness requirements.	NA	ACTIVE	NA

24/03/2020	24/03/2020	GE Caledonian Limited	United Kingdom	Monument Crescent, Shawfarm Industrial Estate KA9 2RX Prestwick	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.1 - 1	slurry coating for corrosion protection	NA	ACTIVE	NA
01/04/2020	01/04/2020	Fokker Services B.V.	Netherlands (the)	Fokker Services Oude Meer Fokkerweg 300 - gebouw 6 1438AN Oude Meer	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.1 - 1	We use Chromium Trioxide for corrosion resistance application during the maintenance of Aircraft components in our shops at the Fokker Services location Oude Meer as required by the manuals from the component OEM. We have performed personal and swipe measurements of Chromium Trioxide at the application station and away from the application station. All air measurements are below 10% of the 8 hour exposure limit of microgram per M3. All swipe measurements had no detection of Chromium Trioxide.	No substitution activities can be determined by Fokker Services as this has to be done by the component OEM. We do however ask them if an alternative can be used as part of our normal process when dealing with CMR substances.	ACTIVE	NA
08/04/2020	08/04/2020	GE Aircraft Engine Servi	United Kingdom	GE Aircraft Engine Services Limited Caerphilly Road CF15 7YJ Cardiff	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.1 - 1	corrosion protection during slurry coating	NA	ACTIVE	NA

14/04/2020	14/04/2020	Raytheon Systems Ltd	United Kingdom	Raytheon Systems Ltd Hanger 119, Chester Road CH40DH Chester	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	NA	The use of chromium trioxide is necessary at Raytheon Systems Ltd for the production and maintenance of essential aerospace and defence equipment provided to the UK MOD. Chromium Trioxide is used for both its technical performance in the key functionalities identified in the authorisation and also due to contractual requirements which make substitution unfeasible.	Substitution activities are currently taking place at a process level in the hopes of identifying a suitable candidate material. If one is found, this candidate material will be put forward for further verification and qualification testing at a part level. If the part level testing is successful then the candidate material can begin to be substituted in for the parts that have been tested. Due to the extent of the testing required, and the existing complexity of defence contracts, substitution activities can take a significant amount of time.	ACTIVE	NA
14/04/2020	14/04/2020	Raytheon Systems Ltd	United Kingdom	Raytheon Systems Ltd Queensway Industrial Estate KY75PY Glenrothes	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	NA	The use of chromium trioxide is necessary at Raytheon Systems Ltd for the production and maintenance of essential aerospace and defence equipment provided to the UK MOD. Chromium Trioxide is used for both its technical performance in the key functionalities identified in the authorisation and also due to contractual requirements which make substitution unfeasible.	Substitution activities are currently taking place at a process level in the hopes of identifying a suitable candidate material. If one is found, this candidate material will be put forward for further verification and qualification testing at a part level. If the part level testing is successful then the candidate material can begin to be substituted in for the parts that have been tested. Due to the extent of the testing required, and the existing complexity of defence contracts, substitution activities can take a significant amount of time.	ACTIVE	NA

14/04/2020	04/06/2020	Industria de Turbo Propulsores (ITP)	Spain	Ajalvir Carretera Torrejón-Ajalvir, KM 3,5 28864 Ajalvir	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	Chemical conversion and slurry coating applications on aircraft engines and related parts.	NA	ACTIVE	NA
14/04/2020	04/06/2020	Industria de Turbo Propulsores (ITP)	Malta	Malta 7, Industrial Estate Hal Far 3000 Birżebbuġa	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	Chemical conversion and slurry coating applications on aircraft engines and related parts.	NA	ACTIVE	NA
14/04/2020	04/06/2020	Industria de Turbo Propulsores (ITP)	Spain	Zamudio Parque Tecnológico, nº 300 48170 Zamudio	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	Chemical conversion and slurry coating applications on aircraft engines and related parts.	NA	ACTIVE	NA
23/04/2020	23/04/2020	GKN Aerospace Sweden AB	Sweden	GKN Aerospace Sweden AB Flygmotorvägen 46181 Trollhättan	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.1 - 1	Slurry painting of aerospace engine parts both with Sermetel W and Sermetel 570A	We are active in IAEG trying to find a substitute as well as in ASD and SOFF. There are OEM requirements as well.	ACTIVE	NA

28/04/2020	28/04/2020	UTC Aerospace Systems Wrocław sp. z o.o.	Poland	UTC Aerospace Systems Wrocław Zoo 64/65 Ul. Bierutowska NA Wrocław	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	NA	NA	NA	ACTIVE	NA
30/04/2020	30/04/2020	Hamble Aerostructure Limited	United Kingdom	Hamble Aero Structures Kings Avenue SO314NF Southampton	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	0.01 - 0.1	Pickling/etching of aluminium.	No alternatives	ACTIVE	NA

Chromium trioxide [EC 215-607-8. CAS 1333-82-0]

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 - [up to]
Industrial spraying or brush application of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment, to ensure a high temperature corrosion and oxidation resistance, as well as deposit-resistant properties of the surface or lubricity at high temperature, for automotive, aviation, power generation machinery, oil and gas and marine applications	REACH/17/20/0	4	4	53
Industrial spraying of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment to ensure either a low temperature-cured coating for corrosion protection, or a high temperature corrosion and oxidation resistance with reduction of surface roughness or a high temperature adhesive, for aviation, power generation machinery, oil and gas and marine applications	REACH/17/20/1	1	1	NA
Use of chromium trioxide in a catalyst for the dehydrogenation of propane to propene	REACH/18/12/0	2	2	60
Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	REACH/19/29/0	21	10	94

Chromium trioxide [EC 215-607-8. CAS 1333-82-0]

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>
08/02/2017	GROHE AG	GERMANY	Industriepark Edelburg 58675 Hemer	Use for a pre-treatment step (etching) in the electroplating process	REACH/17/5/1	Granted	21/09/2027
08/02/2017	GROHE AG	GERMANY	Industriepark Edelburg 58675 Hemer	Use for electroplating of different types of substrates with the purpose to create a long-lasting high durability surface with bright (shiny) or matte look (functional electroplating with decorative character)	REACH/17/5/0	Granted	21/09/2029
24/05/2017	Rimex Metals (UK) Ltd	UNITED KINGDOM	17 Aden Road Ponders End EN3 7SU Enfield	Use as an oxidising and hardening agent in the manufacture of coloured stainless steel	REACH/17/12/0	Granted	21/09/2027
19/07/2017	Nexter Mechanics	FRANCE	20 Rue du 9 Juin 1944 19012 Tulle	Industrial use, of a qualified mixture of chromium trioxide by spraying or immersion, and of a qualified mixture of dichromium tris(chromate) by pen application, for the chromate conversion coating of welded mechanical structures of armoured vehicles and associated parts made of high mechanical properties aluminium alloys for military use, and requiring a maintained electrical conductivity after severe climatic environments, atmospheric corrosion resistance and paint adhesion.	REACH/17/21/3	Granted	21/09/2024
19/07/2017	Nexter Mechanics	FRANCE	20 Rue du 9 Juin 1944 19012 Tulle	Industrial use of chromium trioxide in a mixture for the black colour hard chromium plating of exterior surface of steel weapon barrel designed for military use, to ensure, during the whole gun barrel service life, stealth, erosion, corrosion and high temperature resistances in the conditions of uses.	REACH/17/21/2	Granted	21/09/2024
19/07/2017	Nexter Mechanics	FRANCE	20 Rue du 9 Juin 1944 19012 Tulle	Industrial use of chromium trioxide in a mixture for the hard chromium plating of military armament parts in order to ensure surface hardness, resistance to atmospheric corrosion, abrasive wear resistance and friction coefficient for parts in relative movement.	REACH/17/21/1	Granted	21/09/2024
19/07/2017	Nexter Mechanics	FRANCE	20 Rue du 9 Juin 1944 19012 Tulle	Industrial use of chromium trioxide in a mixture for the hard chromium plating of military armament steels parts which are thermomechanically stressed and in contact with oxidizing gas at high temperature, so as to ensure a thermal barrier with high melting point, resistance to wear and oxidation associated with weapons as well as resistance to impact and atmospheric corrosion.	REACH/17/21/0	Granted	21/09/2029
19/07/2017	Nexter Systems	FRANCE	11 Allée des Marronniers 78022 Versailles	Industrial use, of a qualified mixture of chromium trioxide by spraying or immersion, and of a qualified mixture of dichromium tris(chromate) by pen application, for the chromate conversion coating of welded mechanical structures of armoured vehicles and associated parts made of high mechanical properties aluminium alloys for military use, and requiring a maintained electrical conductivity after severe climatic environments, atmospheric corrosion resistance and paint adhesion.	REACH/17/21/4 (a)	Granted	21/09/2024
31/08/2017	Praxair Surface Technologies GmbH	GERMANY	Am Muehlbach 13 87487 Wiggensbach	Industrial spraying of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment to ensure either a low temperature-cured coating for corrosion protection, or a high temperature corrosion and oxidation resistance with reduction of surface roughness or a high temperature adhesive, for aviation, power generation machinery, oil and gas and marine applications	REACH/17/20/1	Granted	21/09/2029

31/08/2017	Praxair Surface Technologies GmbH	GERMANY	Am Muehlbach 13 87487 Wiggensbach	Industrial spraying or brush application of chromium trioxide mixtures for the coating of metallic articles subject to harsh environment, to ensure a high temperature corrosion and oxidation resistance, as well as deposit-resistant properties of the surface or lubricity at high temperature, for automotive, aviation, power generation machinery, oil and gas and marine applications	REACH/17/20/0	Granted	21/09/2024
10/10/2017	CrTe-Plating Oy	FINLAND	Leijukuja 17 78210 Varkaus	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/1	Granted	21/09/2024
10/10/2017	Kova-Kromi Oy	FINLAND	Hankikuja 2 01390 Vantaa	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/2	Granted	21/09/2024
10/10/2017	Oy Kromatek Ab	FINLAND	Heikkiläntie 4 29250 Nakkila	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/0	Granted	21/09/2024
10/10/2017	Pirkan Kovakromaus Oy	FINLAND	Lempäälänkuja 5 33840 Tampere	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/3	Granted	21/09/2024
10/10/2017	Saizeri Plating Oy	FINLAND	Kiilatie 3 40320 Jyväskylä	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/4	Granted	21/09/2024
10/10/2017	Turun Kovakromi Oy	FINLAND	Kuparitie 5 28330 Pori	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/5	Granted	21/09/2024
10/10/2017	Veljekset Wallenius Oy	FINLAND	Rantakaari 69 37200 Siuro	Use of chromium trioxide in Cr(VI) based functional plating	REACH/17/22/6	Granted	21/09/2024
09/02/2018	Hoogovens Court Roll Surface Technologies V.O.F.	NETHERLANDS	Wenckenbachstraat 1 4F-02 1951JZ Velsen-Noord	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/0	Granted	21/09/2029
09/02/2018	NC POLAND Sp.z. o.o.	POLAND	Al. Niepodlegosci 106 02-585 WARSZAWA	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry	REACH/17/25/7	Granted	21/09/2029
09/02/2018	NORD CHROME SAS	FRANCE	1 route de Spycker 59760 Grande-Synthe	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/4	Granted	21/09/2029
09/02/2018	RHENAROLL SA	FRANCE	Zone Industrielle de BIESHEIM 68600 BIESHEIM	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/5	Granted	29/09/2029
09/02/2018	Texturing Technology Limited	UNITED KINGDOM	PO Box 22 SA13 2YJ Port Talbot	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/6	Granted	21/09/2029
09/02/2018	Trattamento Cilindri Laminazione S.r.l.	ITALY	Boscomarengo 1/D 15067 Novi Ligure	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/2	Granted	21/09/2029
09/02/2018	Walzen-Service-Center GmbH	GERMANY	Essener Str. 259 via Knappenstrasse 46047 Oberhausen	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/3	Granted	21/09/2029
09/02/2018	WAVEC GmbH	GERMANY	Werkstrasse 17a,Nr.2 15890 Eisenhüttenstadt	Use of chromium trioxide in functional chrome plating of work rolls used in the steel and aluminium industry.	REACH/17/25/1	Granted	21/09/2029
16/05/2018	MTU Aero Engines AG	GERMANY	Dachauerstr. 665 80995 München	Functional chrome plating for aerospace applications for civil and military uses, comprising coating of new components for aircraft engines as well as maintenance, repair and overhaul work on aircraft engine components	REACH/18/7/0	Granted	21/09/2029
16/05/2018	MTU Aero Engines AG	GERMANY	Dachauerstr. 665 80995 München	Surface treatment for aerospace applications for civil and military uses, comprising treatment of new components for aircraft engines as well as maintenance, repair and overhaul work on aircraft engine components, unrelated to functional chrome plating	REACH/18/7/1	Granted	21/09/2029
16/05/2018	Safran Aircraft Engines	FRANCE	2, bld general Martial Valin 75724 Paris cedex 15	Industrial use of a chromium trioxide based surface treatment mixture applied on safety-critical rotating components of commercial and military aircraft engines, whose failure endangers airworthiness	REACH/18/5/0	Granted	21/09/2027
15/06/2018	Amphenol Limited	UNITED KINGDOM	Thanet Way CT5 3JF Whitstable	Industrial use of a mixture containing chromium trioxide 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/18/6/2	Granted	21/09/2029
15/06/2018	Amphenol Limited	UNITED KINGDOM	Thanet Way CT5 3JF Whitstable	Industrial use of a mixture containing chromium trioxide 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/18/6/12	Granted	21/09/2024

15/06/2018	AMPHENOL SOCAPEX	FRANCE	948, Promenade de l'Arve 74311 THYEZ	Industrial use of a mixture containing chromium trioxide 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/18/6/3	Granted	21/09/2029
15/06/2018	AMPHENOL SOCAPEX	FRANCE	948, Promenade de l'Arve 74311 THYEZ	Industrial use of a mixture containing chromium trioxide 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/18/6/14	Granted	21/09/2024
15/06/2018	Connecteurs Electriques Deutsch	FRANCE	17, rue Lavoisier - BP 117 27091 Evreux	Industrial use of a mixture containing chromium trioxide 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/18/6/5	Granted	21/09/2029
15/06/2018	ITT Cannon GmbH	GERMANY	Cannonstrasse 1 71384 Weinstadt-Beutelsbach	Industrial use of a mixture containing chromium trioxide 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/18/6/4	Granted	21/09/2029
15/06/2018	ITT Cannon GmbH	GERMANY	Cannonstrasse 1 71384 Weinstadt-Beutelsbach	Industrial use of a mixture containing chromium trioxide 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/18/6/16	Granted	21/09/2024
15/06/2018	Souriau sas	FRANCE	RD323 72470 Champagné	Industrial use of a mixture containing chromium trioxide 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/18/6/0	Granted	21/09/2029
15/06/2018	Souriau sas	FRANCE	RD323 72470 Champagné	Industrial use of a mixture containing chromium trioxide for the etching of composite connectors used by industries subject to harsh environments, to mainly ensure adhesive deposit to meet the requirements of international standards.	REACH/18/6/19	Granted	21/09/2021
15/06/2018	Souriau sas	FRANCE	RD323 72470 Champagné	Industrial use of a mixture containing chromium trioxide 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/18/6/10	Granted	21/09/2024
15/06/2018	TE UK Ltd	UNITED KINGDOM	Faraday Road SN3 5HH Swindon	Industrial use of a mixture containing chromium trioxide 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/18/6/7	Granted	21/09/2029
15/06/2018	TE UK Ltd	UNITED KINGDOM	Faraday Road SN3 5HH Swindon	Industrial use of a mixture containing chromium trioxide 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/18/6/18	Granted	21/09/2024
17/07/2018	Clariant Produkte (Deutschland) GmbH	GERMANY	Am Unisys-Park 1 65843 Sulzbach am Taunus	Use of chromium trioxide in a catalyst for the dehydrogenation of propane to propene.	REACH/18/12/0	Granted	21/09/2029
17/07/2018	Topocrom GmbH	GERMANY	Hardtring 29 79333 Stockach	Use of chromium trioxide in Topocrom functional chrome plating in closed reactor systems for the establishment of adjustable hemispherical surface structures.	REACH/18/10/0	Granted	21/09/2029
14/12/2018	CIRCUIT FOIL LUXEMBOURG SARL	LUXEMBOURG	Zone industrielle C. SALZBAACH 9559 WILTZ	Industrial use for the treatment of copper foil used in the production of printed circuit board.	REACH/18/17/0	Granted	21/09/2024

14/12/2018	BROWNING VIANA, FABRICA DE ARMAS E ARTIGOS DE DESPORTO SA	PORTUGAL	LUGAR DE MORENOS - NEIVA APARTADO 2 4901 906 VILA NOVA DE ANHA	Industrial use of chromium trioxide in the hard chromium coating of civilian firearms barrel bores and auxiliary parts subject to thermal, mechanical and chemical stresses, in order to provide low friction coefficient as well as heat, corrosion and wear resistance properties.	REACH/18/19/3	Granted	21/09/2024
14/12/2018	FN HERSTAL S.A.	BELGIUM	VOIE DE LIEGE 33 4040 HERSTAL	Industrial use of chromium trioxide in the hard chromium coating of civilian firearms barrel bores and auxiliary parts subject to thermal, mechanical and chemical stresses, in order to provide low friction coefficient as well as heat, corrosion and wear resistance properties.	REACH/18/19/2	Granted	21/09/2024
14/12/2018	FN HERSTAL S.A.	BELGIUM	VOIE DE LIEGE 33 4040 HERSTAL	Industrial use of chromium trioxide in the hard chromium coating of military small- and medium-calibre firearms barrel bores and auxiliary parts subject to thermal, mechanical and chemical stresses, in order to provide hardness, heat resistance and thermal barrier properties, as well as corrosion resistance, adhesion and low friction properties	REACH/18/19/0	Granted	21/09/2029
14/12/2018	MANROY ENGINEERING LTD	UNITED KINGDOM	PHOENIX HOUSE SLADE GREEN HOUSE DA8 2HY ERITH, KENT	Industrial use of chromium trioxide in the hard chromium coating of military small- and medium-calibre firearms barrel bores and auxiliary parts subject to thermal, mechanical and chemical stresses, in order to provide hardness, heat resistance and thermal barrier properties, as well as corrosion resistance, adhesion and low friction properties	REACH/18/19/1	Granted	21/09/2029
14/12/2018	Euro Cryospace France	FRANCE	51-61 Route de Verneuil 78133 Les Mureaux Cedex	Use of chromium trioxide for the surface preparation of aluminium alloy cryogenic tanks used in the Ariane 5 launcher	REACH/18/18/0	Granted	21/09/2024
14/02/2019	Hansgrohe SE	GERMANY	Austr. 5-9 77761 Schiltach	Use for a pre-treatment step (etching) in the electroplating process.	REACH/19/2/1	Granted	14/02/2031
14/02/2019	Hansgrohe SE	GERMANY	Austr. 5-9 77761 Schiltach	Use for electroplating of different types of substrates with the purpose to create a long-lasting high durability surface with bright (shiny) or matte look (functional electroplating with decorative character).	REACH/19/2/0	Granted	14/02/2031
28/02/2019	Federal-Mogul Friedberg GmbH	GERMANY	Engelschalkstraße 1 86316 Friedberg	Use in functional chrome plating of piston rings for two-stroke and four-stroke large bore engines as applied in the industrial sectors construction and industry, power generation, railway and maritime.	REACH/19/4/0	Granted	21/09/2029
05/03/2019	Federal Mogul Burscheid GmbH	GERMANY	Buergermeister-Schmidt-Str. 17 51399 Burscheid	Use of chromium trioxide in functional chrome plating of piston rings for automotive engines as applied in the segments light vehicle petrol, light vehicle diesel, middle range diesel and heavy duty.	REACH/19/6/0	Granted	21/09/2029
29/03/2019	Federal-Mogul Valvetrain GmbH	GERMANY	Hannoversche Strasse 73 30890 Barsinghausen	Use of chromium trioxide in functional chrome plating of valves for the use in petrol and diesel engines for light-and heavy duty vehicles.	REACH/19/5/0	Granted	21/09/2029
10/07/2019	ZF Friedrichshafen AG	GERMANY	Bogestraße 50 53783 Eitorf	Use for functional chrome plating of piston rods for automotive and rail applications	REACH/19/25/0	Granted	10/07/2031
22/10/2019	ZF Luftfahrttechnik GmbH	GERMANY	Flughafenstrasse 34379 Calden	Surface treatment (as a corrosion inhibitor, unrelated to functional chrome plating) in the production of transmissions for helicopters and maintenance of helicopters	REACH/19/27/1	Granted	21/09/2024
22/10/2019	ZF Luftfahrttechnik GmbH	GERMANY	Flughafenstrasse 34379 Calden	Use as surface hardener (functional chrome plating) in the production of transmissions for helicopters and maintenance of helicopters	REACH/19/27/0	Granted	21/09/2024
22/10/2019	Wesco Aircraft EMEA, LTD.	UNITED KINGDOM	Lawrence House Riverside drive BD19 4DH Cleckheaton	Chemical conversion and slurry coating applications by the aerospace sector where any of the following key functionalities or properties is necessary for the intended use: corrosion resistance, active corrosion inhibition, adhesion promotion and reproducibility (for chemical conversion coating), corrosion protection, heat resilience, hot corrosion resistance, resistance to humidity and hot water, thermal shock resistance, adhesion and flexibility (for slurry coating).	REACH/19/29/0	Granted	21/09/2024
10/01/2020	Doosan Electro-Materials Luxembourg SARL	LUXEMBOURG	19 Rue de Bitbourg L 1273 Luxembourg	Use in industrial formulation of a chromium trioxide solution below 0,1 % weight by weight concentration for the passivation of copper foil used in the production of lithium ion batteries (LiB) for motorised vehicles.	REACH/20/13/0	Granted	10/01/2032
10/01/2020	Doosan Energy Solution Kft	HUNGARY	Váci út 76 HU-1133 Budapest	Use in industrial formulation of a chromium trioxide solution below 0,1 % weight by weight concentration for the passivation of copper foil used in the production of lithium ion batteries (LiB) for motorised vehicles.	REACH/20/13/1	Granted	10/01/2032
19/03/2020	HAPOC GmbH & Co KG	GERMANY	In der Neuen Welt 8 87700 Memmingen	Use in solid form and in aqueous solution of any composition to modify the properties of surfaces made of brass or bronze for medical engineering products, exclusively for the final preparation of such surfaces and the transparent plating of an interior housing part of an anaesthesia evaporator for further incorporation into anaesthetic machines for hospitals and clinics	REACH/19/41/0	Granted	21/09/2029
20/03/2020	MAHLE Ventiltrieb GmbH	GERMANY	Industriestr. 40 61200 Wölfersheim	Use in functional chrome plating of valves used in engines of light gasoline and diesel vehicles and in heavy-duty diesel combustion engines	REACH/20/9/0	Granted	20/03/2032
20/03/2020	MAHLE Polska Sp. z o.o.	POLAND	ul. Mahle 6 63-700 Krotoszyn	Use in functional chrome plating of valves used in engines of light gasoline and diesel vehicles and in heavy-duty diesel combustion engines	REACH/20/9/1	Granted	20/03/2032