

YOUR COMPLIANCE EXPERT

Under China's MEE Order No. 12, issued in 2020, companies must submit new chemical substance registrations to the Solid Waste and Chemical Management Center (SCC) for substances not listed in the Inventory of Existing Chemical Substances in China (IECSC).

What is Subject to Registration?

- Substance not listed in IECSC (2013)
- Substance subject to new use management -



What is EXEMPT from Registration?

- Naturally occurring substances
- Chemicals already under the management of other existing regulations
- Non-commercial or non-intentionally produced categories
- "Other special categories." -

Who is Responsible?

- Manufacturers of new substances in China;
- Importers of new substances in China;
- Companies who intend to apply for new uses registration or to change the registered uses managed by other laws and regulations to other industrial uses;

OR Mechanism?

Companies in China can submit a new substance registration or appoint a local agent to do so. Foreign companies must appoint a local Chinese agent to submit new chemical registrations— or appoint their Chinese distributor/customer. The local agent should be knowledgeable and qualified to carry out the registration. The role of the agent is similar to the role of, "only representative," (OR) under EU REACH.

Registration Type	Requirements	23
<section-header></section-header>	 Tonnage level < 1t/y Polymers with new monomers/reactants concentration less than 2%; or PLC (polymer of low concern), and polymers that do not fall under the exclusionary conditions 	
Simplified Registration	 Tonnage level 1-10 t/yr 	
Regular Registration	 Tonnage level >=10 t/yr 	
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Understanding the Obligations of China REACH and China Hazardous Chemical Management



			Data Rec	quirements – Record Fil	ing
 NO mandatory d polymers meetin requirements: List of mond (GPC) and reation (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (GPC) (G	ata requised ata requised ata requised ata requised at the second at the	actants, echanism ns declar polymers ole; olymer w propolym	for non-po or PLC, trig molecular n; ation to de s in natural /ith Mn≥10 ers; chan permit	lymers; however, ger the following weight and distribution scribe if the polymer is: water environment); 000Da; tted elements	 Have in mind: Record Filing is good for 5 years. Substances submitted for record filing will not be listed in IECSC Both the applicant and the OR will be listed in the public announcement. Only the number of substance(s) and recording filing number(s) will be listed in the public.
		Date	Doquiro	monte Simplified Degi	be listed in the announcement.
		Dala	a Require	ments - Simplined Regi	Stration
Physio-chemical Testing Data	Simp Gas	lified Reg Liquid	istration Solid	Basic Data Algae growth inhibition toxicity (OECD 201)	Special Data (P and B) Daphnia magna reproduction (OECD 211)
(at least 2) Melting	V	√ √	V V	Daphnia acute toxicity (OECD 202 Fish acute toxicity or short-term	!) Fish Chronic Toxicity (<mark>Chinese</mark> , OECD 210/215)
Point/Freezing Point Boiling Point		ب الا		toxicity of fish embryo yolk sac absorption stage (<mark>Chinese</mark> , OECD 203/212)	
Vapor Pressure		V V	v	Ready biodegradability (Chinese OECD 301)	 ′ <===⊃ Mandatory
Partition Coefficient n-octanol/water	V	v	v	Inherent biodegradability (OEC 302), Hydrolysis (OECD 111)	
pH value Particle Size		V		Bioaccumulation (Chinese, OECD 305)	Removedthreeeco-toxicologicaldata tests:1.Activatedsludgerespiration
Surface Tension Critical Point	V				 inhibition (Chinese, OECD 209) 2. Adsorption and desorption 3. Earthworm acute toxicity
vsio-chemical Reg	v ular Regis	Data tration	Requirer Toxicological D	ments - Regular Registra	3. Earthworm acute toxicity ation Eco-toxicological Data Basic Data

Physio-chemical	Regular Registration			Toxicological Data Basic Data	Special Data (P and/or B)	Eco-toxicological Data Basic Data	
Testing Data	Gas	Liquid	Solid	Acute Toxicity (Oral Dermal and	Carcinogenicity (OECD 451)	Algae growth inhibition toxicity (OECD	
IR/NMR/MS	٦/	\د	٧	inhalation) (OECD 401/420/423/425/402/403/436)	Bonostod doco 90 day toxicity	201)	
(at least 2)	V	v	V		(Oral, dermal and inhalation)	Daphnia acute toxicity (OECD 202)	
Melting	Melting Point/Freezing	٧		Skin irritation (OECD	(OECD 408/411/413)	 Fish acute toxicity or short-term toxicity of fish embryo yolk sac 	
Point/Freezing			V	404/430/431/439)	Two-generation or extended		
Point				Eye Irritation (OECD 405/437/438)	toxicity (OFCD 416/443)	absorption stage (Chinese , OECD 203/212)	
Boiling Point		V		Skin sensitization (OECD	Substances with broad uses		
Density		V	V	Repeated dose 28-day toxicity (Oral		Activated sludge respiration inhibition	
Vapor Pressure		V		Dermal and inhalation) (OECD	*Chronic Toxicity (OECD 452)	(Chinese, OECD 209)	
Water Solubility	٧	V	V	407/410/412)	Carcinogenicity (OECD 451)	 Adsorption and desorption (OECD 106/121) 	
Partition		2/	٦/	Screening for reproductive or development toxicity (OECD 421)	Prenatal developmental Toxicity	Earthworm acute toxicity (OECD 207)	
N-octanol/water		V	V	Gene mutation study in bacteria	Repeated dose 90-dat toxicity	Bioaccumulation (Chinese, OECD 305)	
pH value		V		(OECD 471/472)	(Oral, Dermal and Inhalation)	Inherent biodegradability (OECD 302), Hydrolysis (OECD 111)	
Particle Size			V	In vitro chromosome aberration test (OFCD 473/487)	Two-generation or extended		
Surface Tension		V		In vitro gene mutation test (OECD	one-generation reproductive	Ready biodegradability (Chinese.	
Critical Point	V			476/490)	toxicity (OECD 416/443)	OECD 301)	
Dissociation				In vivo gene mutation test (OECD *Toxicokin	*Toxicokinetics	Daphnia magna reproduction (OECD	
constant	V	V	486/488/489)	 Required if: substances has health hazards (excluding local 	211)		
Henry's Law Constant	٧	V	٧	In vivo chromosome aberration test (OECD 474/475)	toxicity), or if tonnage/year > 1000— with broad uses.	Fish chronic toxicity (Chinese, OECD 210/215)	

Non-Testing Data Requirements

Information	Regular	Simplified	Record Filing
Application	V	٧	V
Business License	V	V	V
Basic data	V	V	×
Environment Risk Report	V	×	×
CBI Protection Necessity Explanation	V	V	×
Affidavit of Executing Environmental Risk mitigating Measures	V	V	×
Socio-economic value Analysis	V	×	×
Qualification of labs	V	V	×
Evidence and conclusion of P, B, T	×	V	×
Explanatory Documents for Polymer Record Filing	×	×	V

What's Considered "Hazardous Chemical" in China?

Substances and mixtures, listed in the Catalog of Hazardous Chemicals (2015) in China, which are: toxic, corrosive, explosive and flammable, and can cause harm/damage to humans,

infrastructure, and environment. Hazardous chemicals can also be identified by using the, "confirmation rule," provided in SAWS Order 60. Hazardous mixtures should be identified using the, "70% rule."

Hazardous Chemical Registration under SAWS Order 53

