

Welcome!



CIRS Webinar: An Introduction to New Substance Notification in Philippines



Date: 18 Feb 2014
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CIRS
CHEMICAL INSPECTION
& REGULATION SERVICE



An Introduction to New Substance Notification in Philippines



*Enabling Chemical Compliance
for A Safer World*

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18 Feb 2014, CIRS
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Overview of My Presentation Today



Philippine Inventory of Chemical and Chemical Substance

- How to check PICCS
- PICCS certificate for existing chemicals

Pre-Manufacturing and Pre-Importation Notification (PMPIN)

- Tonnage > 1000 kg per year
- Abbreviated & Detailed Form

Small Quantity Importation Clearance

- Tonnage \leq 1000 kg per year
- Experimental or research and development purposes

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Republic Act No.6969, the Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969)

- Enacted by the Congress
- Screens harmful substances before they enter Philippine's commerce
- Control and management on manufacture / import / use / transport / ... / disposal of chemicals
- Requests pre-manufacturing and pre-importation notification (PMPIN) for new chemicals

Main authority: DENR-EMB



Department of Environment and Natural Resources

Environmental Management Bureau

DENR Administrative Order No. 29, Implementing Rules and Regulations of Republic Act 6969 - Title II: Toxic Chemical Substances

- Enacted by DENR in 1992;
- **Philippines Inventory of Chemical and Chemical Substances (PICCS)**
- **Priority Chemical List (PCL)**
- **Chemical Control Order (CCO)**
- **Notification of New Chemicals (PMPIN)**
- **Small Quantity Importation Clearance (SQI)**

<http://emb.gov.ph/internal/CasRegistry.aspx>

Philippine Inventory of Chemical and Chemical Substance (PICCS) ~more than 44,000

Priority Chemical List (PCL)
~48 chemicals

Chemical Control Order (CCO)

Ozone Depleting Chemicals(DAO 2004-08)
Cyanide(DAO 1997-39)
PCBs(DAO 2004-01)
Asbestos(DAO 2000-02)
Mercury(DAO 1997-38)

DAO 2005-27:
<http://www.emb.gov.ph/portal/Portals/0/Cache/DAO%202005-27.pdf>

Philippine Inventory of Chemical and Chemical Substance

- **Latest edition - PICCS(2011) with more than 44,000 chemical substances (confidential list: \approx 7000)**
- The **public inventory** of PICCS can be checked online:

CAS REGISTRY

Please provide the CAS Registry No. or the name of the chemical/substance below and click the "Search" button.

Search

50-00-0

FORMALDEHYDE

- For **confidential inventory**, submit a confidential letter of inquiry to DENR-EMB.

Obtaining the **PICCS certification** to prove that a substance is listed on PICCS as an existing substance

Application of PICCS Certificate

- Chemical Identification
- Volume/Quantity
- Information of supplier and importer
- MSDS/SDS (ISO11014 or GHS format)
- **Processing fees (P450 ≈ \$ 10 per chemicals)**
- The Regional Office shall notify the applicant of its approval within **15 working days**.

[PICCS Form.docx](#)

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All chemicals not included in PICCS shall undergo Pre-Manufacture Pre-Importation Notification before manufacturing/importation.

- Only manufacturers/importers in Philippines can submit applications
- Manufacturers/exporters outside of Philippines



Entrust a third party to prepare notification materials

- Benefits: protection of CBIs;
- The application materials shall be submitted in the name of the actual importer

Documents required to be submitted include,

- Duty Accomplished and **Notarized** PMPIN Form
- Certification and other relevant attachments to the PMPIN Form
- MSDS/SDS (ISO 11014 or GHS format)
- EMB central office shall notify the applicant of its approval in **90-180 days after submission.**

The processing fees accompanied with Notification are,

- **P2150(≈ \$ 48)** for Abbreviated Form/**P3750(≈ \$ 84)** for Detailed Form
- In addition, applicants should bare the cost of all documentation and tests that may required by the **Chemical Review Committee**

Abbreviated Form

- New substance which is being used with **no control** in a country with a similar chemical review process as the Philippine
- New substance which is included in the **Inventory of USA, EU, Australia, Canada, Japan, Korea, etc.**

Detailed Form

- Other new substance which is not applicable to Abbreviated Form

PMPIN Abbreviated Form

Section E: Statement on Physicochemical Characteristics (if available)

Boiling Point

Vapor Pressure

Melting Point

Purity

S. Gravity

Water/Octanol Partition Coefficient

Solubility in Water

PMPIN Detailed Form

Section G: Physicochemical Test Results

17. Tests Conducted by (Name & Address of the Laboratory):

18. Test Results Attached

Yes

No

Information Requirements



Chemical Identifier

- Chemical name
- Trade name
- CAS number
- Molecular formula

Product Information

- Total quantity per year
- Quantity of new chemicals used in different categories
- Environmental release and disposal

Importer / Manufacturer

- Name, address, contact details of importers / manufactures

[PMPIN ABBREVIATED FORM.pdf](#)

Physicochemical

- Boiling Point
- Vapor Pressure
- Melting Point
- Specific Gravity
- Water/Octanol Partition Coefficient
- Solubility in Water
- Solubility in Organic Compounds

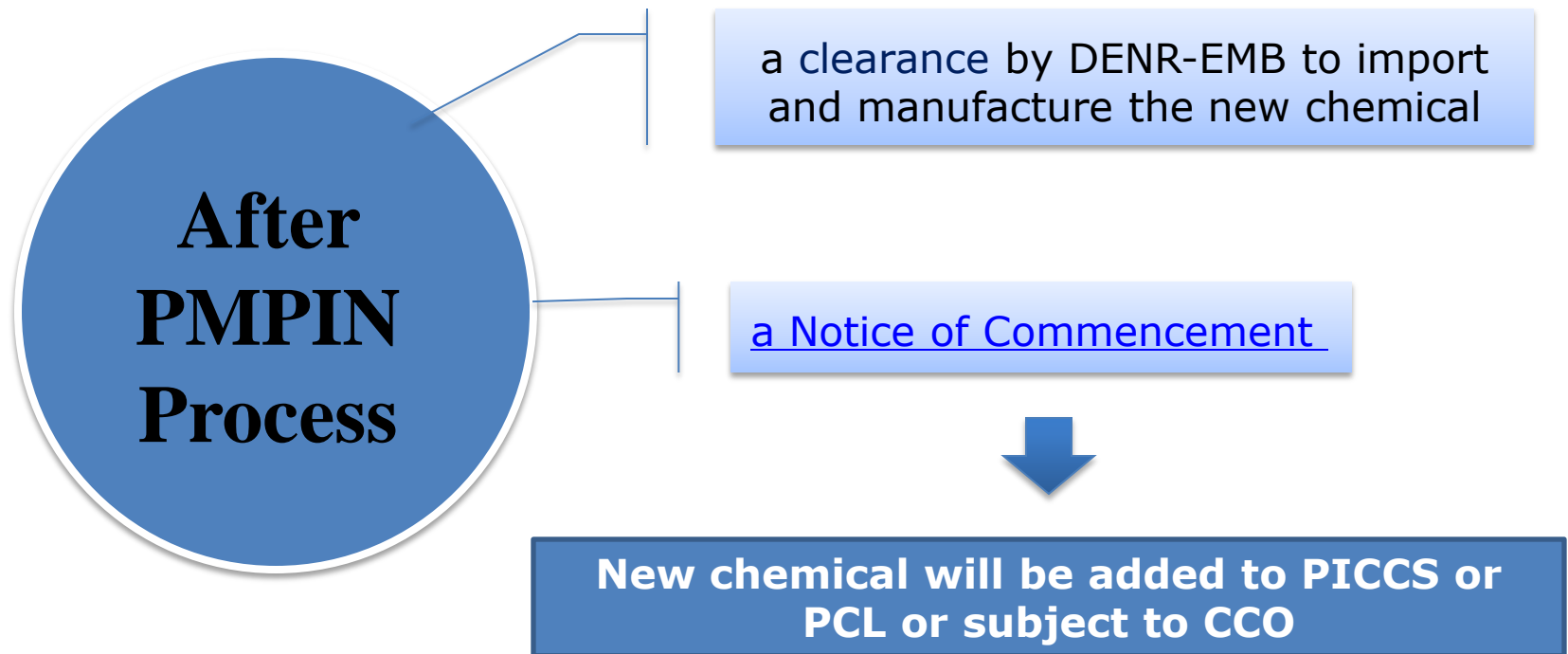
Health

- Carcinogenicity
- Mutagenicity
- Teratogenicity
- Sensitization
- Acute Toxicity
- Chronic Toxicity
- Irritation
- Occupational Exposure

Environmental

- Acute and Chronic Toxicity to Animals (Fish in Particular)
- Terrestrial Plant Toxicity
- Stability and incompatibilities

Documented research data and journal articles from other countries will be helpful.



CBI can be requested in the Notice of Commencement so that the chemical will be added to the confidential version of PICCS.

Exemptions to PMPIN

- Chemicals already **included in the PICCS**;
- Those to be produced or used **in small quantities** ($\leq 1000\text{kg}$ per annual) solely for experimental or research and development purposes;
- **Reaction intermediates** which do not leave the closed production system or undergo intermediate storage during the reaction process;
- Chemicals **regulated by laws other than RA 6969**, e.g. radioactive substances, pesticides, drugs, foodstuffs, and consumer products

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Application for Small Quantity Importation Clearance

- New chemicals $\leq 1,000$ kg per year
- Information on importers
- The name, CAS number and formula of new chemicals
- Quantities of chemicals
- MSDS
- **P500 processing fee (\approx \$ 11)**
- The EMB Regional Office shall notify the applicant of its approval within **20 working days.**

[SQI Form.docx](#)

Summary



Targets	Activities	Processing fees	Duration
Existing chemicals	PICCS certificate (I)	P450 (≈ \$ 10)	15 working days
New chemicals > 1000 kg/y	PMPIN (M/I) (Abbreviated Form)	P2150 (≈ \$ 48)	90-180 days
	PMPIN (M/I) (Detailed Form)	P3750 (≈ \$ 84)	
New chemicals ≤ 1000 kg/y	SQI Clearance (M/I)	P500 (≈ \$ 11)	20 working days

PICCS

- **Checking PICCS lists(public & confidential)**
- **PICCS Certificate Application**

PMPIN

- **PMPIN application (abbreviated & detailed)**

SQI

- **SQI clearance application**

DENR-EMB <http://emb.gov.ph/chemicals/index.htm>



Department of Environment and Natural Resources
Environmental Management Bureau

CMS <http://www.emb.gov.ph/portal/chemical/Home.aspx>



Thank You!