OUTREACH SESSION BY THE NA(CWC)

8 September 2011
Outline

1. Overview of Chemical Weapons Convention
2. Controlled Chemicals and Activities
3. NA(CWC) Licensing Regime
4. Annual Declarations
5. Transfer Requirements
6. Implementation of New Forms
7. Upcoming changes in TradeNet version 4.1
8. Recap on other permit requirements
Overview of Chemical Weapons Convention (CWC)
Chemical Weapons Convention (CWC)

- Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons, and on their Destruction
  - Complete destruction of all declared CWs
  - Ensuring non-proliferation of CWs through the verification of chemical industry
  - International cooperation in the peaceful uses of chemistry
  - Assistance and protection against threat or use of CW
Chemical Weapons Convention (CWC)

Status of Participation: (as of 1 Sep 2011)

• 188 State Parties
• 2 Signatory States
• 5 Non State Parties

Singapore’s Ratification

• Ratified to CWC in 1997

List of State Parties are available on the Organisation for the Prohibition of Chemical Weapons’ website.
Chemical Weapons

• **Toxic chemicals**
  - “Any chemical which, through its chemical effect on living processes, may cause death, temporary loss of performance, or permanent injury to people and animals.”

• **Precursor**
  - “Any chemical reactant which takes part in any stage in the production by whatever method of a toxic chemical.”
Organisation for the Prohibition of Chemical Weapons (OPCW)

- Oversees global implementation of CWC
- Consolidates declarations
- Conducts inspections.
- Ensures destruction of chemical weapons
CWC Controlled Chemicals and Activities
Chemicals under the CWC

1. Scheduled Chemicals
   - Schedule 1 / 2 / 3 Chemicals
   - Further categorised into suffixes (e.g. S1A, S1B, etc)
     - Suffix A: Chemical warfare agent
     - Suffix B: Precursor for chemical warfare agent

2. Unscheduled Discrete Organic Chemicals (DOCs)

List of Scheduled Chemicals are available on the NA(CWC) website.
## Scheduled Chemicals

<table>
<thead>
<tr>
<th></th>
<th>Schedule 1</th>
<th>Schedule 2</th>
<th>Schedule 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No. of chemicals</strong></td>
<td>12 chemicals or groups of chemicals</td>
<td>14 chemicals or groups of chemicals</td>
<td>17 chemicals</td>
</tr>
<tr>
<td><strong>Type of chemicals</strong></td>
<td>Chemical warfare agents &amp; their final-stage precursors</td>
<td>Potential chemical warfare agents &amp; other chemical weapons precursors</td>
<td>Old chemical warfare agents and other chemical weapons precursors</td>
</tr>
<tr>
<td><strong>Commercial applications</strong></td>
<td>Little or none</td>
<td>Moderate</td>
<td>High</td>
</tr>
</tbody>
</table>
Unscheduled Discrete Organic Chemicals (DOCs)

• Any chemical belonging to the class of chemical compound consisting of all compounds of carbon, except for its oxides, sulfides and metal carbonates.

  o Excludes oligomers and polymers
Unscheduled Discrete Organic Chemicals (DOCs)

2 Types of Unscheduled DOCs:

- PSF containing DOCs
  DOCs that contain the elements: P phosphorus, S sulfur or F fluorine.

- Non-PSF containing DOCs
Controlled Activities

- Production
- Processing
- Storage / Local Transfer
- Consumption
- Import / Export
# Controlled Activities

<table>
<thead>
<tr>
<th>Controlled Activity</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Production (of a chemical)</strong></td>
<td>Refers to the formation through a chemical reaction or by a biochemical or biologically mediated reaction, and includes forming the chemical by any such reaction as an intermediate, a by-product or a waste product during the manufacture of any product</td>
</tr>
<tr>
<td><strong>Processing (of a chemical)</strong></td>
<td>Refers to a physical process, such as formulation, extraction and purification, in which a chemical is not converted into another chemical</td>
</tr>
<tr>
<td><strong>Consumption (of a chemical)</strong></td>
<td>Refers to the conversion of any chemical(s) into another chemical via a chemical reaction</td>
</tr>
</tbody>
</table>
## Controlled Activities

<table>
<thead>
<tr>
<th>Controlled Activity</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Import / Export</strong></td>
<td>Refers to the transfer of chemical(s) between a destination in the local territory and other destinations in another territory</td>
</tr>
<tr>
<td><strong>Local Transfer / Distribution</strong></td>
<td>Refers to the transfer of chemical(s) between a destination and other destinations within the same territory</td>
</tr>
</tbody>
</table>
Important Definitions

• Polymer
• Oligomer
• Plant Site
• Plant
• Unit
Definition of Polymer

• Under IUPAC Gold Book - Polymer is a molecule of high relative molecular mass whereby

a) The structure of which essentially comprises the multiple repetition of units derived, actually or conceptually, from molecules of low relative molecular mass.

b) In many cases, especially for synthetic polymers, a molecule can be regarded as having a high relative molecular mass if the addition or removal of one or a few of the units has a negligible effect on the molecular properties.

c) However, for certain macromolecules, the properties may be critically dependent on fine details of the molecular structure.
Definition of Oligomer

• Under IUPAC Gold Book – **Oligomer** is a molecule of intermediate relative molecular mass that

  a) Consist of a structure which essentially comprises a small plurality of units derived, actually or conceptually, from molecules of lower relative molecular mass; and

  b) Has properties which do vary significantly with the removal of one or a few of the units.
Definition of Plant Site

• Local integration of one or more plants, with any intermediate administrative levels, which are under one operational control, and includes common infrastructure, such as:
  a) administration and other offices;
  b) repair and maintenance shops;
  c) medical centre;
  d) utilities;
  e) central analytical laboratory;
  f) research and development laboratories;
  g) central effluent and waste treatment area; and
  h) warehouse storage.
Definition of Plant

- Relatively self-contained area, structure or building containing one or more units with auxiliary and associated infrastructure, such as:

  a) small administrative section;
  b) storage/handling areas for feedstock and products;
  c) effluent/waste handling/treatment area;
  d) control/analytical laboratory;
  e) first aid service/related medical section; and
  f) records associated with the movement into, around and from the site, of declared chemicals and their feedstock or product chemicals formed from when, as appropriate.
Definition of Unit

• Combination of items of equipments, including vessels and vessel set up, necessary for the production, processing or consumption of a chemical.
NA(CWC) Licensing Regime
**NA(CWC) Licensing Regime**

- NA(CWC) Licence is required for:

<table>
<thead>
<tr>
<th>Controlled Chemical</th>
<th>Production</th>
<th>Import, Export</th>
<th>Processing, Consumption</th>
<th>Storage, Local Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule 1</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Schedule 2</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schedule 3</td>
<td>✓</td>
<td>✓</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOCs</td>
<td>✓</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

- Certain exemptions applicable
- With conditions on production quantity
NA(CWC) Licensing Regime

- NA(CWC) Licence is required for

<table>
<thead>
<tr>
<th>Type of DOCs</th>
<th>Quantity to be produced / year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total DOCs (incl. both PSF and non-PSF containing DOCs)</td>
<td>&gt; 200 tonnes</td>
</tr>
<tr>
<td>Any one PSF DOCs</td>
<td>&gt; 30 tonnes</td>
</tr>
</tbody>
</table>
# Licence Exemptions – Schedule 2 and 3 Chemicals

<table>
<thead>
<tr>
<th>Schedule 2 – Licence NOT required for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Production, Processing, Consumption for a permitted purpose, the Import and Export to <strong>State Parties</strong> of mixtures containing <strong>30%</strong> or less (by weight) of Schedule 2B chemical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Schedule 3 – Licence NOT required for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Production for a permitted purpose, the Import and Export to <strong>State Parties</strong> of mixtures containing <strong>30%</strong> or less (by weight) of a Schedule 3 chemical</td>
</tr>
</tbody>
</table>
Identification of DOCs Requiring Licence

• Plant sites that **exclusively** produce hydrocarbons or explosives do not require licence

• In multistep processes, the following require a licence, for
  o final product that is a DOC; or
  o last intermediate that is a DOC

• Intermediate DOC supplied to another plant require a licence
Plant Site X

Plant A produces ethane

No NA(CWC) Licence required.
Reason: Site exclusively produces hydrocarbons.

Plant B produces propene
Example 2

Plant Site Y

Plant A produces MTBE

Plant B produces propene

NA(CWC) licence required for MTBE and Propene.
Reason: Site produces MTBE (not exclusively producing hydrocarbon).
Example 3

Unit A
Produces
DOC A

Unit B
Produces
DOC B

Unit C
Produces
DOC C

Fully consumed

Final Product (DOC C) requires Licence.

DOC C is sold offsite / supplied to another plant
Example 4

Unit A
Produces
DOC A

Portion of DOC A
is consumed

Unit B
Produces
DOC B

Unit C
Produces
DOC C

Portion of DOC A
is sold offsite / supplied to another plant.

Fully consumed

DOC C is sold offsite / supplied to another plant

DOC A and DOC C require Licence.
Example 5

Unit A
Produces
DOC A

Fully consumed

Unit B
Produces
DOC B

Fully consumed

Unit C
 Produces
Polymer

Last intermediate (DOC B) requires Licence as final product is not a DOC.

Polymer is sold.
Administrative Note for NA(CWC) Licence Application and Amendment

• Apply for NA(CWC) Licence through submission of application forms
• Licence is valid till the **end of calendar year**
• Renewal period starts from **Nov – Dec**
• Amendment application is available for following activities:
  o Addition of chemical;
  o Addition of product;
  o Addition of activity; and
  o Increase maximum aggregate of chemical
New Licence Application and Amendment Forms

<table>
<thead>
<tr>
<th>Old Licence Forms</th>
<th>Changes</th>
<th>New Licence Forms</th>
</tr>
</thead>
</table>
| • Import and Export  
  • Production, Processing, Consumption, Storage and Local Transfer | Categories | • Schedule 1 Chemical  
  • Schedule 2 Chemical  
  • Schedule 3 Chemical  
  • Unscheduled DOC |
| Not required | Alternative Contact Person | Required |
| Provide in the spaces within forms | Information on Chemical Reactions and Process Flows (for Production of DOCs) | Submit in separate attachment |

Licence Application and Licence Amendment forms are available on the NA(CWC) website.
New Licence Application and Amendment Forms

Old format

<table>
<thead>
<tr>
<th>TYPE OF ACTIVITIES</th>
<th>RELEVANT FORMS TO BE SUBMITTED</th>
</tr>
</thead>
</table>
| Any company / organisation intending to conduct the relevant activities involving Scheduled chemical(s): | - Cover form  
- Form A.1 – for Schedule 1 chemical(s)  
- Form A.2 – for Schedule 2 chemical(s)  
- Form A.3 – for Schedule 3 chemical(s) |
| - Import  
- Export  
- Local transfer or distribution | |
| Any company / organisation intending to conduct the relevant activities involving Scheduled and Unscheduled Discrete Organic Chemical(s): | - Cover form  
- Form B.1 – for Schedule 1 chemical(s)  
- Form B.2 – for Schedule 2 chemical(s)  
- Form B.3 – for Schedule 3 chemical(s)  
- Form B.4 – for Unscheduled Discrete Organic Chemical(s) |
| - Production  
- Processing  
- Consumption  
- Storage | |
| A combination of the above activities | - Cover form  
- Forms A and Forms B |

New format

REOUIRED FORMS FOR SUBMISSION

Any company / organisation intending to conduct activities involving Scheduled chemicals and/or unscheduled Discrete Organic Chemicals are required to submit the relevant forms:

- NA(CWC) Licence Application Cover form
- Form A.1 – for Schedule 1 chemical
- Form A.2 – for Schedule 2 chemical
- Form A.3 – for Schedule 3 chemical
- Form A.4 – for unscheduled Discrete Organic Chemical

NEW* Forms categorised according to Schedules
New Licence Application and Amendment Forms

*NEW* Sections E and F of the Application Cover Form for Alternative Contact Person

### SECTION E
**DETAILS OF ALTERNATIVE CONTACT PERSON**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(14) Name of Alternative Contact Person. (Dr/Mr/Ms/Mrs/Mdm)*</td>
<td>(15) Designation</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>(16) Citizenship (Please indicate accordingly)</td>
<td>(17) NRIC No./Passport No.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION F
**DECLARATION**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(21) I, [Name of Alternative Contact Person] NRIC No./Passport No. [NRIC No./Passport No.]</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>representing</td>
<td>hereby declare that</td>
</tr>
<tr>
<td>[Company/Organisation Name]</td>
<td></td>
</tr>
</tbody>
</table>

**a)** I have read and understood the terms and conditions for the issuance of the NA(CWC) Licence for Schedule 1, 2, 3 Chemicals and Unscheduled Discrete Organic Chemicals (DOCs);

**b)** I will submit all declarations pertaining to the Scheduled Chemicals and/or Unscheduled DOCs included in this licence, to the National Authority (Chemical Weapons Convention), Singapore Customs, annually or on an ad-hoc basis as deemed necessary;

**c)** I have ensured that all information given in this application are true and correct.

---

Signature of Alternative Contact Person Date (dd/mm/yyyy) Company/Organisation Stamp
New Licence Application and Amendment Forms

NEW* Provide information in separate attachment for production of DOC

Chemical Reaction Involved in the Production of Chemical
(Please provide the information in separate attachment.)

Please note the following:
(a) Information on the chemical reaction should be provided in the following manner:
   E.g. Chemical A + Chemical B → Chemical C + Chemical D
        Chemical D → Chemical E + Chemical F (where Chemical F is the DOC in this application)
(b) Please provide the principles employed for the procedure with regard to the production of each DOC.
(c) All chemical structures provided in the reaction procedure must be in its structural formula. Please note that molecular formula will not be accepted.
(d) All chemicals mentioned in the reaction procedures must be provided with its chemical name, preferably in its IUPAC name and if available, the CAS Registry No. Any acronyms used in the reaction procedures must be defined accordingly.
(e) Information pertaining to the reaction parameters, such as temperature and catalyst to be used, are not required to be included in this description.

Block Diagram of the Process Flow for the Production of Chemical
(Please provide the information in separate attachment.)

Please note the following:
(a) Please provide the name of each plant, if applicable that is involved in the production of the above chemical.
(b) All chemicals mentioned in the Block Diagram must be provided with its chemical name, preferably in its IUPAC name and if available, the CAS Registry No. Any acronyms used must be defined accordingly.
(c) Information pertaining to the reaction parameters, such as temperature and catalyst to be used, are not required to be included in the Block Diagram.
Reminders for Licence Application and Amendment Application

- Reference to previous submission of supporting documents valid up to 3 years
- For description of chemical reactions and process flow diagrams, reaction parameters are not required
- Please note units used:

<table>
<thead>
<tr>
<th>Types of Schedule</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule 1 chemicals</td>
<td>μg</td>
</tr>
<tr>
<td>Schedule 2 chemicals</td>
<td>Kg</td>
</tr>
<tr>
<td>Schedule 3 chemicals</td>
<td>Tonnes</td>
</tr>
<tr>
<td>Unscheduled DOCs</td>
<td>Tonnes</td>
</tr>
</tbody>
</table>
Annual Declarations
Annual Declarations

- Annual Declaration of **Past** Activities (ADPA)
- Annual Declaration of **Anticipated** Activities (ADAA)
- **Ad-hoc** Declaration of Additionally Planned Activities
Annual Declaration of Past Activities

- To declare activities taken place in previous year
- Declaration Period: **1 – 31 Jan** of the following year
- Activities requiring declaration:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Schedule 1</th>
<th>Schedule 2</th>
<th>Schedule 3</th>
<th>Unscheduled DOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Processing</td>
<td>✓</td>
<td>✓</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Consumption</td>
<td>✓</td>
<td>✓</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Storage</td>
<td>✓</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Import / Export</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>×</td>
</tr>
<tr>
<td>Local Sale / Distribution</td>
<td>✓</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
</tbody>
</table>
Annual Declaration of Anticipated Activities

• To declare anticipated activities for the following year
• Declaration Period:
  o **15 Jun – 15 Aug** (for Schedule 1)
  o **15 Jun – 15 Sep** (for Schedule 2 & 3)
• Activities requiring declaration:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Schedule 1</th>
<th>Schedule 2</th>
<th>Schedule 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Processing</td>
<td>×</td>
<td>✓</td>
<td>×</td>
</tr>
<tr>
<td>Consumption</td>
<td>×</td>
<td>✓</td>
<td>×</td>
</tr>
<tr>
<td>Storage</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Import / Export</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Local Sale / Distribution</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
</tbody>
</table>
Ad-hoc Declaration of Additionally Planned Activities

- To declare activity that are not declared in ADAA
- Declaration Period:
  - At least 200 days before activity commences (Schedule 1)
  - At least 20 days before activity commences (Schedule 2 & 3)
- Activities requiring declaration:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Schedule 1</th>
<th>Schedule 2</th>
<th>Schedule 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Processing</td>
<td>×</td>
<td>✓</td>
<td>×</td>
</tr>
<tr>
<td>Consumption</td>
<td>×</td>
<td>✓</td>
<td>×</td>
</tr>
<tr>
<td>Storage</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Import/Export</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>Local Sale / Distribution</td>
<td>×</td>
<td>×</td>
<td>×</td>
</tr>
</tbody>
</table>
Declaration Requirements – Plant Sites

• Indicate declaration of owner/ company operating site clearly

E.g.

○ Owner: ABC Pte Ltd
○ Operator: XYZ Pte Ltd

---
Name of Owner, Company or Enterprise operating the Plant Site:

[ blank space ]
Common Errors in Annual Declarations

For Import and Export Declaration:

- Wrong units used such as litres, m³, etc.

<table>
<thead>
<tr>
<th>Types of Schedule</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule 1 chemicals</td>
<td>μg / g</td>
</tr>
<tr>
<td>Schedule 2 chemicals</td>
<td>Kg</td>
</tr>
<tr>
<td>Schedule 3 chemicals</td>
<td>Tonnes</td>
</tr>
<tr>
<td>Unscheduled DOCs</td>
<td>Tonnes</td>
</tr>
</tbody>
</table>
Common Errors in Annual Declarations

For Production, Processing and Consumption Declaration:

• Wrong product group code
  o Product group code should describe the **production activities that make the site declarable**, not the ultimate use end products manufactured at site.
## New Annual Declaration Forms

<table>
<thead>
<tr>
<th>Existing Declaration Forms</th>
<th>Changes</th>
<th>New Declaration Forms</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Schedule 1 chemicals</td>
<td>Categories</td>
<td>• Annual Declaration of Anticipated Activities (ADAA)</td>
</tr>
<tr>
<td>• Schedule 2 chemicals</td>
<td></td>
<td>• Annual Declaration of Past Activities (ADPA)</td>
</tr>
<tr>
<td>• Schedule 3 chemicals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>Sub-categories</td>
<td>By Schedules</td>
</tr>
<tr>
<td>In sequence:</td>
<td>Declaration of Plant Sites</td>
<td>In sequence:</td>
</tr>
<tr>
<td>1. Plant site and plant</td>
<td></td>
<td>1. Plant Site</td>
</tr>
<tr>
<td>2. Chemical</td>
<td></td>
<td>2. Plant</td>
</tr>
<tr>
<td>Declare by month</td>
<td>Declaration of Import and Export</td>
<td>Declare by permit</td>
</tr>
</tbody>
</table>

New Declaration forms will be used from 2012 onwards.
i.e. for ADPA 2011, please use the new declaration forms.
Transfer Requirements of Scheduled Chemicals
# Transfer Requirements of Scheduled Chemicals to Non State Parties

<table>
<thead>
<tr>
<th>Schedule 1 chemicals</th>
<th>Not Allowed for any concentrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule 2 chemicals</td>
<td>Only allowed for:</td>
</tr>
<tr>
<td></td>
<td>products containing 1% or less of a Schedule 2A or 2A* chemical;</td>
</tr>
<tr>
<td></td>
<td>products containing 10% or less of a Schedule 2B chemical; or</td>
</tr>
<tr>
<td></td>
<td>products identified as consumer goods packaged for retail sale for personal use or packaged for individual use;</td>
</tr>
<tr>
<td></td>
<td>End-User Certificate (EUC) required</td>
</tr>
<tr>
<td>Schedule 3 chemicals</td>
<td>Requires End-User Certificate (EUC) unless:</td>
</tr>
<tr>
<td></td>
<td>products containing 30% or less of a Schedule 3 chemical; and</td>
</tr>
<tr>
<td></td>
<td>products identified as consumer goods packaged for retail sale for personal use, or packaged for individual use.</td>
</tr>
</tbody>
</table>
Transfer Requirements of Schedule 1 Chemicals

• Advance notification of 45 days prior to import/export
  o Except for Saxitoxin (< 5mg) used for medical/diagnostic purposes, 5 days prior to transfer

• Advance notification of 14 days prior to local transfer

• Submit notification through Transfer Notification form
  o T-1A form (prior to transfer)
  o T-1B form (after transfer)
Implementation of New NA(CWC) Forms
Other New Forms

1. NA(CWC) Licensee Contact Information Form (*NEW)
2. Product Enquiry Form
3. End-User Certification

All forms are available on the NA(CWC) Website.
Upcoming changes in TradeNet®
Version 4.1
Key changes affecting CWC permit requirements

A. Implementation of ASEAN Harmonized Trade Nomenclature 2012 (AHTN 2012)
   - Changes to CWC HS codes

B. Introduction of new permit fields:
   - Customs Procedure Code (CPC)
   - Processing Codes (PC) 1, 2 and 3
A. Implementation of ASEAN Harmonized Trade Nomenclature 2012 (AHTN2012)

• HS codes of 18 Schedule 1 chemicals are affected
• HS codes of 5 Schedule 2 chemicals are affected

Detailed list AHTN2012 codes for CWC chemicals will be uploaded on the NA(CWC) website.
B. Introduction of new permit fields

In each permit application, you may declare up to:

- 5 Customs Procedure Codes (CPC)
- 5 sets of Processing Codes (PC)1, PC2 and PC3 for each CPC

<table>
<thead>
<tr>
<th>1.</th>
<th>CPC</th>
<th>1. PC1</th>
<th>1. PC2</th>
<th>1. PC3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. PC1</td>
<td>2. PC2</td>
<td>2. PC3</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>3. PC1</td>
<td>3. PC2</td>
<td>3. PC3</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>4. PC1</td>
<td>4. PC2</td>
<td>4. PC3</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>5. PC1</td>
<td>5. PC2</td>
<td>5. PC3</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>CPC</td>
<td>1. PC1</td>
<td>2. PC2</td>
<td>3. PC3</td>
</tr>
</tbody>
</table>
Customs Procedure Code (CPC) = CWC

Applicable for:

- Imports of CWC chemicals
- Exports of CWC chemicals to **Non State Parties**,
  - Schedule 2A chemicals < 1%
  - Schedule 2B chemicals < 10%
  - Schedule 3 chemicals < 30%

<table>
<thead>
<tr>
<th>CPC</th>
<th>PC1</th>
<th>PC2</th>
<th>PC3</th>
<th>No change to existing information required by NA(CWC):</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWC</td>
<td></td>
<td></td>
<td></td>
<td>To continue to provide:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Valid CWC HS Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Valid NA(CWC) Licence number</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Valid CWC Product Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• End-User Certificate (for exports to non-State Parties)</td>
</tr>
</tbody>
</table>
Customs Procedure Code (CPC) = STS (Strategic Trade Scheme) and CWC

- Applicable for exports of CWC chemicals subject to Strategic Goods Control (SGC):
  - For outward declarations to **State Parties**,
    - Schedules 1 / 2A* chemicals – any concentration
    - Schedules 2A / 2B / 3 chemicals > 30%
  - For outward declarations to **Non State Parties**,
    - Schedule 2A* chemicals < 1%
    - Schedule 3 chemicals > 30%
CPC = STS and CWC (applicable for STS Tier 1 shipments)

<table>
<thead>
<tr>
<th>CPC</th>
<th>PC1</th>
<th>PC2</th>
<th>PC3</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS and CWC</td>
<td>STS1</td>
<td></td>
<td>No change to existing information required by NA(CWC) and SGC</td>
</tr>
</tbody>
</table>

To provide:
- Valid CWC HS Code
- Valid NA(CWC) Licence number
- Valid CWC Product Code
- End-User Certificate (for exports to Non-State Parties)
- Other SGC requirements
CPC = STS and CWC (applicable for STS Tier2 shipments)

<table>
<thead>
<tr>
<th>CPC</th>
<th>PC1</th>
<th>PC2</th>
<th>PC3</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS and CWC</td>
<td>STS2</td>
<td>Valid Tier 2 permit number</td>
<td>To provide:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Valid CWC HS Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Valid NA(CWC) Licence number</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Valid CWC Product Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• End-User Certificate (for exports to Non-State Parties)</td>
</tr>
</tbody>
</table>

No change to existing information required by NA(CWC) and SGC
CPC = STS and CWC (applicable for STS Tier3 shipments)

<table>
<thead>
<tr>
<th>CPC</th>
<th>PC1</th>
<th>PC2</th>
<th>PC3</th>
</tr>
</thead>
<tbody>
<tr>
<td>STS and CWC</td>
<td>STS3</td>
<td>Valid Tier 3 permit number</td>
<td>No change to existing information required by NA(CWC) and SGC</td>
</tr>
</tbody>
</table>

To provide:
- Valid CWC HS Code
- Valid NA(CWC) Licence number
- Valid CWC Product Code
- End-User Certificate (for exports to non-State Parties)
Recap on Other Permit Requirements
Item Description

• Specify the **Chemical Name** and **Concentration** of CWC chemical  
  (e.g. Triethanolamine 95%)

• Trade Name and PO number may also be provided as additional information
CA/SC Product Code and CA/SC Code 1

- CA/SC Product Code: to declare the CWC Product Code found in the licence
  (e.g. Product Code of Triethanolamine: S3BB06)

- CA/SC Code 1: to declare the concentration of CWC chemical in the product

<table>
<thead>
<tr>
<th>CA/SC Product Code: S3BB06</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA/SC Code 1</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>95%</td>
</tr>
</tbody>
</table>
Implementation of TradeNet®
Version 4.1
TradeNet® (TN) Version 4.1

• Implementation Date: 1 Jan 2012
• Parallel Run of 2 TN versions in Dec 2011
  i.e. traders may submit permit applications using TN 4.0 or TN4.1
  × Parallel Run is **NOT** Applicable for CWC shipments
Parallel run is not applicable for CWC permit applications

• Permit applications containing CWC goods can only be submitted in one TN Version, based on the period specified:
  ✓ Version 4.0 – before 19 Dec 2011
  ✓ Version 4.1 – effective 19 Dec 2011

• If you are submitting your own TN permit applications, remind your TN vendor not to decommission the Version 4.0 software too early

• More details will be announced by Singapore Customs
Useful Links

1. **NA(CWC) Website:**
   http://www.customs.gov.sg/nacwc/topNav/hom/

2. **TradeXchange®:**
   https://www.tradexchange.gov.sg/tradexchange/default.portal

3. **CWC State Parties:**
   http://www.opcw.org/about-opcw/member-states/

4. **List of Scheduled Chemicals:**
Contact Us

Email: customs_nacwc@customs.gov.sg

Telephone: 6775 5137
Q&A