

Understanding the Consolidated Municipal Hazardous or Special Waste (MHSW) Program:

A handbook for companies that may have
legal obligations under the program



Creating Sustainable Communities through
Responsible Environmental Stewardship

The Municipal Hazardous or Special Waste (MHSW) Program is a waste collection and diversion plan designed to ensure that certain consumer hazardous and special wastes are managed in an environmentally appropriate way. The overall objective is to divert them from landfill and, as much as possible, into 3Rs (reduce, reuse, recycling) solutions.

The program has two phases: The Phase 1 MHSW Program began on July 1, 2008 and included nine material categories. The consolidated MHSW Program begins on July 1, 2010 and has been expanded to encompass a further 14 material categories. A full description of the designated materials is included in this handbook.

Companies resident in Ontario that are brand owners or first importers supplying any of these 23 materials for sale or use into the Ontario market have legal responsibilities under the program and are called Municipal Hazardous or Special Material (MHSM) Stewards. Stewards must report and pay fees to Stewardship Ontario based on the designated materials they supply into Ontario.

Stewardship Ontario was directed by the Ontario Minister of the Environment to plan, implement and operate the consolidated MHSW Program. The minister approved the program plan in September 2009 under the authority of the Waste Diversion Act, 2002.

The plan that describes the Consolidated Municipal Hazardous or Special Waste Program in detail is available on the website: www.stewardshipontario.ca/cmhsw/plan/plan.html

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Message from the CEO

“Stewardship Ontario has developed this handbook to help companies that may be affected by the new consolidated MHSW Program understand the program and confirm whether or not they are “stewards” with legal obligations.

As the industry funding organization responsible for developing, implementing and operating the MHSW Program on industry’s behalf, Stewardship Ontario is committed to working rigorously to deliver cost-effective programs that fulfill stewards’ legal and compliance obligations and promote best practices. Through these activities our stewards contribute to a better environment and more sustainable communities in Ontario.

The consolidated MHSW Program Plan was developed in consultation with industry representatives across the various material sectors. We look forward to continuing the dialogue with stewards as we implement and operate the program.”



Gemma Zecchini
CEO, Stewardship Ontario

About Stewardship Ontario

Stewardship Ontario is the industry funding organization mandated to develop, implement and operate the MHSW Program. It also operates the program that sees industry contribute 50 per cent of the net cost of municipal Blue Box recycling programs for printed paper and packaging. Through these two programs, Stewardship Ontario, on behalf of industry, contributes to a better environment and the sustainability of our communities.

The Stewardship Ontario Board of Directors comprises industry representatives of the material categories designated under the Blue Box and MHSW programs.



Am I a Steward?

A steward is a company resident in Ontario that is a brand owner or first importer of any of the 23 materials designated under the consolidated MHSW Program as listed below.

For additional information about these materials and to help you determine whether or not you are a steward, please refer to the charts presented in the foldout centrespread of this handbook.

- 1 **Aerosol Containers**
- 2 **Antifreeze**
- 3 **Batteries – Consumer-Type-Portable**
- 4 **Batteries – Industrial Stationary and Non-Lead Acid Motive***
- 5 **Corrosives**
- 6 **Fertilizers**
- 7 **Fire Extinguishers (Portable)**
- 8 **Flammables (including Solvents)**
- 9 **Fluorescents**
- 10 **Irritants**
- 11 **Leachate Toxics**
- 12 **Mercury Devices – Measuring Devices**
- 13 **Mercury Devices – Switches**
- 14 **Mercury Devices – Thermostats**
- 15 **Oil Containers**
- 16 **Oil Filters**
- 17 **Paint and Coatings**
- 18 **Pesticides**
- 19 **Pharmaceuticals**
- 20 **Pressurized Containers**
- 21 **Reactives**
- 22 **Sharps and Syringes**
- 23 **Toxics**

*Non-lead acid motive means batteries that are used for automotive and other power applications such as those used in the railway, marine and aircraft industries.

Q & A

GENERAL QUESTIONS ABOUT THE MHSW PROGRAM AND STEWARDSHIP ONTARIO

What is the Municipal Hazardous or Special Waste Program?

The Municipal Hazardous or Special Waste (MHSW) Program is a waste collection and diversion program designed to collect hazardous and special materials at end-of-life so they can be managed in an environmentally appropriate way.

How did the consolidated Municipal Hazardous or Special Waste Program come about?

The MSHW Program is being implemented in two phases. Phase 1, with nine material categories, began in July 2008. The expanded or ‘consolidated’ program, with 23 material categories, begins on July 1, 2010.

The Ontario Minister of the Environment decided on the materials to be collected in the program and set out regulations under the Waste Diversion Act, 2002 directing that the program be established and that Stewardship Ontario develop, implement and operate it.

It is also Stewardship Ontario’s job to identify and notify companies that may be legally obligated and set out the requirements they must follow to comply with the law.

What materials are included in the consolidated MHSW Program?

The materials are listed on the opposite page. For additional information about these material categories, please see the centrespread of this handbook.

Designated materials no longer supplied into the marketplace

A number of materials designated under the consolidated program may no longer be supplied for sale or use in Ontario (e.g., banned pesticides, mercury switches and mercury-containing measuring devices). These are referred to as ‘obsolete’ waste. Companies who produced products that generated obsolete waste are still obligated to register with Stewardship Ontario, even though they have ceased to supply this material for sale or use in Ontario. This is because some of these materials will be returned for collection and safe disposal. (See Steward Rules: www.stewardshipontario.ca/rules/rules.html)

REGULATORY AUTHORITY FOR WASTE PROGRAMS

Ontario Waste Diversion Act, 2002



Minister of the Environment
defines obligated materials & sets out requirements under the Act



Waste Diversion Ontario
oversees plan development & implementation process on behalf of the Ministry of the Environment



Stewardship Ontario
develops & operates programs on industry’s behalf in accordance with the plans approved by Waste Diversion Ontario & the Ministry of the Environment

QUESTIONS ABOUT PROGRAM COSTS AND FEES

Who pays for the MHSW Program?

A company resident in Ontario that is a brand owner or first importer of any of the materials designated under the program (see centrespread for a list of materials) is called a ‘steward’.

Such companies (or stewards) are obligated to register, file reports and pay fees to Stewardship Ontario based on the designated materials they supply for sale or use into the Ontario market. “For use” refers to designated materials that are sold or put onto the market individually (such as paint) as well as materials like batteries that are embedded in products such as electronics and greeting cards.

Stewardship Ontario uses this money on behalf of industry to pay for the collection, transportation and recycling (or safe disposal) of the waste.

Q&A continued

How much will it cost stewards?

As a not-for-profit corporation, Stewardship Ontario raises only as much money as required to pay the cost of collecting, transporting and processing designated wastes. For the first year of the program, the costs were estimated in consultation with industry and are included in a preliminary schedule of fees in the consolidated MHSW Program Plan:

www.stewardshipontario.ca/cmhs/plan/plan.html

Many of the fees listed in the preliminary schedule will be recalculated once 2009 sales data are available from stewards. This updated fee information will be provided to obligated companies prior to the start of the program on July 1, 2010.

The fees for each material category will be calculated annually based on how much it costs to manage that material in the program. Stewardship Ontario is committed to continuous efforts to improve the effectiveness and cost efficiency of the program.

How will I know how much my company will owe in fees and when is the first payment due?

How much each obligated company owes will depend on how much (units or measures) of each designated material is supplied for sale or use in Ontario in a calendar year.

Are companies able to pass fees on to customers?

Stewardship Ontario, under the terms and conditions of the Waste Diversion Act, is empowered to establish and levy fees upon stewards in order to fund the program. Stewardship Ontario has no authority to mandate how companies deal with these fees with their customers.

Are there any exemptions?

All companies resident in Ontario that are brand owners or first importers of the designated materials are obligated to participate in this program, regardless of the amount of designated material that is supplied for sale or use in Ontario. Every company is required to register with Stewardship Ontario, file a Steward's Report and pay applicable fees. (To view the rules: www.stewardshipontario.ca/cmhs/rules/rules.html)

QUESTIONS ABOUT LEGAL REQUIREMENTS, REPORTING AND PAYING FEES

How do I know if my company is obligated under this program?

Look at the information that is provided in the centrespread of this handbook. You will find examples of obligated products in the designated material categories. They will help you determine if your company is obligated.

If I think I am obligated, what should I do?

First, sign up at www.iamasteward.ca to get more information. Next, appoint a person who will compile the information for your first Steward's Report. Stewardship Ontario will send you information about the reporting specifications early in 2010.

By registering and reporting with Stewardship Ontario and paying associated fees, will my company be in compliance with the law?

Yes, as a steward in good standing you will be in compliance.

What if an obligated company doesn't register, file reports and pay applicable fees?

It is important for obligated companies to understand that failure to register, report and pay associated fees could lead to prosecution by the Ontario Ministry of the Environment.

What exactly are the Steward Rules?

Stewardship Ontario's authority to develop and operate the program is set out in Ontario Regulation 542/06. Every year, Stewardship Ontario prepares a set of Rules for stewards to follow. The Rules include the definition of each designated material, a list of fee rates, a payment and reporting timetable and other information. There is also a section that interprets and clarifies the legal meaning of the various terms as they are used in the Rules. You can find a copy of the MHSW Steward Rules on the website at www.stewardshipontario.ca/cmhs/rules/rules.html

What is a "MHSW Steward's Report"?

Every company obligated under the MHSW Program must file annual and quarterly MHSW Steward's Reports to Stewardship Ontario that detail the type and quantity of designated material(s) supplied for sale or use in Ontario during specific data periods.

A guide explaining the online registration and reporting system and the payment process is in development. Stewardship Ontario will provide assistance to stewards through other communication tools to aid in the reporting process. To ensure you are notified of these opportunities, please sign up on our website at www.iamasteward.ca

Q&A continued

How will I know when to file a Steward's Report?

There is a schedule for filing Steward's Reports on the back page of this handbook.

When is the first Steward's Report due?

By March 31, 2010, obligated companies will be required to register as a steward and to file their first Steward's Report (described in the MHSW Program Plan as the 'Annual 2009 MHSW Steward's Report'). The report must detail the quantities of all obligated materials supplied for sale or use in Ontario in 2009. No fees are payable at this time.

How will I file this report and who should do it?

Stewardship Ontario will set up an online, secure reporting system and will send each company a unique password before the reporting deadline date. Companies should designate an employee who will be responsible for filing reports.

Sign up to get more information

To ensure you are notified about program related activities, please sign up on our website at www.iamasteward.ca

I've heard the term Extended Producer Responsibility (EPR), what does it mean?

Extended producer responsibility means that the brand owner or first importer of a product or package is responsible for that item throughout its lifecycle. When the package or product becomes waste, the brand owner or first importer is responsible for paying the cost of proper environmental management.

The Ontario Minister of the Environment designated the MHSW Program as 100 per cent producer responsibility, meaning that the companies which are stewards of the materials are obligated to pay 100 per cent of the costs for collection, transportation and recycling (or safe disposal).

QUESTIONS FOR COMPANIES INVOLVED UNDER THE FIRST PHASE OF THE PROGRAM

How does the expanded (consolidated) program affect companies that are already registered and reporting under the first phase of the program?

Companies that are already obligated under Phase 1 of the program remain obligated for those materials, and will be obligated if they are a brand owner or first importer of any of the additional 14 materials designated in the expanded program. Note that some of the definitions of obligated materials also have been expanded (including those for paint, batteries, antifreeze, fertilizers and pesticides). Please check the definitions for all materials to learn more.

Companies that are Phase 1 Stewards

Companies that are already a steward under the MHSW Phase 1 Program will be required to fulfill their reporting obligations under the Phase 1 Rules from January 1 to June 30, 2010. You can view the 2010 Phase 1 Fee Schedule and Deadlines at

www.stewardshipontario.ca/mhsw/stewards/stewards.html

QUESTIONS ON WHERE TO GET MORE INFORMATION

How do I get updates on program developments?

To receive regular updates, add your company name to our mailing list at "I am a Steward": www.iamasteward.ca Also, as information becomes available, it will be posted to the Stewardship Ontario website: www.stewardshipontario.ca Once on the website, select "consolidated MHSW Program".

Where do I get a copy of the full plan?

You can view the Consolidated Municipal Hazardous or Special Waste Program Plan, July 30, 2009 (Vol. 1, 2 & 3) at: www.stewardshipontario.ca/cmhsw/plan/plan.html

If you want to be kept abreast of program implementation details, please sign up on our mailing list at: www.iamasteward.ca

I have more questions, where can I find the answers?

Stewardship Ontario will post these Q & As on the website in the FAQ section. New FAQs are posted regularly at: www.stewardshipontario.ca/cmhsw/faqs/faqs.html

Key Dates & Requirements

	Pre-launch of consolidated MHSW Program			Post launch of consolidated MHSM Program			
	Jan. 31, 2010	Mar. 31, 2010	April 31, 2010	July 31, 2010	Oct 31, 2010	Jan. 31, 2011	
Existing Phase 1 MHSM Stewards	Report 2009 Q4 Phase 1 quantities & remit fees (these are paid in arrears)	Register as consolidated MHSM Steward & report on 2009 consolidated MHSM sales data	Report 2010 Q1 Phase 1 MHSM & remit fees (in arrears)	Report 2010 Q2 consolidated MHSM quantities	Remit Q2 fees for Phase 1 (in arrears) (Final payment under Phase 1)	Report 2010 Q3 consolidated MHSM quantities & remit Q4 fees (in advance)	Report 2010 Q4 consolidated MHSM quantities & remit 2011 Q1 fees (in advance)
New Consolidated MHSM Stewards					Remit Q3 fees for consolidated MHSM (in advance)		

NOTES FOR PHASE 1 STEWARDS

About Registering & Reporting March 31, 2010

Why do I have to register and report March 31, 2010 on my 2009 sales data when Stewardship Ontario already has this information? Will I be required to re-enter all my 2009 data?

As we transition into the new program, some of the material definitions have changed. Because of these changes, it may not be a straightforward process to take Phase 1 data and transfer it electronically into the consolidated reporting system. It could mean data has to be re-entered; however, Stewardship Ontario is examining this matter to identify opportunities to simplify the process as much as possible.

About Reporting & Remitting Fees July 31, 2010

Why am I paying both Phase 1 and consolidated fees in July 2010?

This is a one time occurrence because the MHSW Program is transitioning from Phase 1 to the consolidated MHSW Program. You will be reporting and paying fees in arrears as usual for Phase 1, 2010 Q2. This will be the last payment you make under Phase 1. The other payment due July 31 will be your first under the consolidated program, that is for 2010, Q3.

While under Phase 1, fees are due after the quarter end, under the consolidated program, fees will be due near the beginning of the quarter and will be based on the actual sales reported for the previous quarter.

NOTES FOR ALL STEWARDS (PHASE 1 & NEW STEWARDS)

An online guide explaining the registration, reporting and payment process is being prepared. Sign up at www.iamasteward.ca to get this and other information about program implementation.



First: Find your business area in the Obligated Materials by Business Area chart below to see if your company may be supplying any of the 23 designated materials. Check marks indicate the materials you're most likely to find within any one business area.
Second: Go to the 'Reference Chart for Designated Materials' to learn more about the materials, their definitions, some product examples and other information.

Obligated Materials by Business Area	Automotive – products for automotive and other motive power applications, e.g., those used in marine, railway & aircraft industries & lift trucks	Consumer Health Care – pharmaceutical products for people and veterinary supplies for pets	Home Improvement, Renovation & Building – products for use in home improvement, renovations & building	Household Electrics – electronic products such as computers, fax machines, etc.	Household Goods – miscellaneous household products including food, personal care products, cleaning supplies, etc.	Industrial / Commercial Stationary Batteries – batteries for industrial applications	Lawns and Gardens (Including Pools) – products for maintenance of lawns, gardens and pools
1 Aerosols	✓	✓	✓		✓		
2 Antifreeze	✓		✓				
3 Batteries – Consumer-Type (Portable)	✓	✓	✓	✓	✓		✓
4 Batteries – Industrial Stationary and Non-Lead Acid Motive	✓		✓		✓	✓	
5 Corrosives	✓		✓		✓		
6 Fertilizers					✓		✓
7 Fire Extinguishers (Portable)	✓		✓		✓		
8 Flammables (including Solvents)	✓		✓		✓		✓
9 Fluorescents				✓	✓		
10 Irritants			✓		✓		
11 Leachate Toxics					✓		
12 Mercury Devices – Measuring Devices		✓	✓		✓		
13 Mercury Devices – Switches	✓				✓		
14 Measuring Devices – Thermostats			✓				
15 Oil Containers	✓						
16 Oil Filters	✓		✓		✓		
17 Paint & Coatings	✓		✓		✓		✓
18 Pesticides		✓			✓		
19 Pharmaceuticals		✓					
20 Pressurized containers	✓	✓	✓		✓		✓
21 Reactives	✓		✓				
22 Sharps & Syringes		✓					
23 Toxics			✓		✓		

Reference Chart for Designated Materials

This chart provides a description of each material category with additional examples (though not exhaustive) to support stewards in identifying their obligations under the consolidated MHSW program. See "KEY FOR USING REFERENCE CHART" below.

A. Designated Materials	B. Description	C. Sectors	D. Product Examples	E. Exclusions	F. Unit of Measure	G. Changes from Phase 1
1 Aerosols	All aerosol containers used to dispense products.	Residential IC&I (small quantity generators)	Spray paints and lacquers; furniture spray; cleaning products; hairspray; air freshener; shaving cream; stain remover; sun block; pain relief sprays; Do-It-Yourself (DIY) products; food products, e.g., whipped cream, cheese, cooking spray, etc.		Units sold	
2 Antifreeze	antifreeze, e.g., delivered using a tanker trailer or sold in containers greater than 30 litres.	Residential IC&I (small quantity generators)	Ethylene and propylene glycol used as vehicle engine coolant. Also used for Heating, Ventilation and Air Conditioning (HVAC) systems.	The following products which are reported under Flammables – windshield washer fluid; plumbing antifreeze; airbrakes and fuel antifreeze; lock de-icer; vehicle products marketed as industrial heat transfer fluid Excluded from the program – initial "factory fill" product	Volume in litres	Phase 1 material – definition has changed under the consolidated MHSW plan
3 Batteries – Consumer-Type (Portable)	Batteries of all chemistries that weigh 5kg or less. Includes single use and rechargeable batteries.	Residential all IC&I	All chemistries including alkaline, lithium, small sealed lead acid batteries, etc. for flashlights, toys, smoke detectors, radios, phones, emergency kits, outdoor lighting. Also includes batteries embedded in other products such as portable computers, cordless power tools, cellular phones, greeting cards, etc.		Weight in kilograms (different fee rates apply for each chemistry)	Single use batteries included in Phase 1 – definition has expanded under the consolidated MHSW plan
4 Batteries – Industrial Stationary and Non-Lead Acid Motive	Industrial stationary batteries of all chemistries designed to stay in place and weighing more than 5kg used for applications such as provision of uninterrupted power supply. Non-lead acid motive batteries weighing more than 5kg used for automotive and other motive power applications, e.g., those used in marine, railway & aircraft industries	Residential all IC&I	Industrial stationary batteries – all chemistries including nickel cadmium, lithium ion, lead acid, etc., for emergency back up systems, emergency lighting, fire protection, alternative energy systems (solar or wind, etc.); starters for jet aircraft and turbines; telecommunications transmission and switching systems. Non-lead acid motive batteries – all chemistries including lithium ion; lithium phosphate; nickel cadmium; nickel-metal hydride etc. used to provide power for electric and hybrid vehicles; golf carts and forklifts; and to power accessories like headlights, lighting, and heating for other motive applications such as in the aircraft, marine and rail industries.	Motive batteries excluded from the program – lead acid batteries from vehicles	Flat fee per Steward applies in Year 1 pending completion of research and analysis	
5 Corrosives*	Products (acids and bases) that are required by federal law to bear the corrosive ("bony hand") symbol [as defined in CCCR, 2001 Regulations].	Residential IC&I (small quantity generators)	Acids (e.g., muriatic, sulphuric, etc.) – acidic cleaning products, de-scalers, drain openers, pool and spa chemicals, rust removers, wallpaper strippers, metal cleaners. Bases (e.g. sodium hydroxide, etc.) – jewellery cleaners, bathroom cleaners, bleaches, toilet bowl cleaner products, drain cleaners/openers, paint remover, masonry products (cement powders), auto-body filler, tire cleaners.	Reported under Irritants – products identified as "irritants" under CCCR 2001	Units sold	
6 Fertilizers	Products sold as "plant nutrients" packaged in containers weighing 30kg/L or less.	Residential IC&I (small quantity generators)	Registered fertilizers, unregistered fertilizers, and any product making a nutrient claim, e.g., shrub and tree food, lawn fertilizer, rose fertilizer, multipurpose fertilizer.	Excluded from the program – Fertilizers in containers weighing more than 30 kg Unregistered supplements, incl. composts only for improving soil physical condition with no nutrient claim Fibrous organic materials incl. peat, peat moss, sphagnum moss, tree bark and other materials only for improving soil physical condition with no nutrient claim Animal / vegetable manures sold in natural condition exempt from Fertilizer Act and Regulations, as outlined in section 3 (1) (a) (refers to unaltered, unpackaged manures produced by farm's herd sold by farmer directly to end-user) Any substance not meeting the definition in Fertilizers Act and Regulations	Fertilizers containing a banned pesticide – Measured return share Products marketed as compost, soil, manure, and composted manure that make a nutrient claim – Weight or volume in Kg/ L All remaining products that meet the fertilizer definition not captured in Category 1 or 2 – Weight or volume in kg/L	Phase 1 material – definition has changed under the consolidated MHSW plan
7 Fire Extinguishers (Portable)	Portable devices, carried or on wheels, operated by hand, containing an extinguishing agent expelled under pressure for suppressing or extinguishing fires.	Residential IC&I (small quantity generators)	Extinguishers for electrical, combustible, flammable/ combustible & laboratory fires.	Excluded from the program – portable extinguishers sold exclusively for commercial and/or industrial use and not available for retail consumption	Units sold according to the following three categories: smaller than 2.5 lbs between 2.5 and 5.5 lbs greater than 5.5 lbs	
8 Flammables* (including Solvents)	Flammable and combustible materials required by law to display either the flammable or combustible symbol or the words "Keep away from flames or sparks" and sold in containers less than 30 litres.	Residential IC&I (small quantity generators)	Assorted flammables: Camping fuel, solid fuels, propane, butane, kerosene, adhesives, cleaners, caulking, filler, grout, fiberglass resins, thinners, sealers, strippers, undercoating, patches, driveway sealers, waxes, polishes, wood preservatives, acetylene. Automotive additives: Fuel enhancers, de-icer, gas-line antifreeze. Windshield washer fluids Solvents: Paint thinners, lacquer thinners, automotive body resin solvents, contact cement thinners, paint strippers and degreasers, waxes, polishes, wood preservatives, mineral spirits, linseed oil, etc. Gasoline: All automotive fuels.	Excluded from the program – Products sold in containers 30 litres or more Beverages such as liquor	Volume in Litres Stewardship Ontario will provide further reporting instructions for products with multiple properties (e.g. irritant, toxic, corrosive, flammable and leachate toxic)	Solvents are a Phase 1 material – now reported under the new Flammables category under consolidated MHSW
9 Fluorescents	Compact fluorescent light bulbs and fluorescent tubes and also includes cold-cathode fluorescent lamps (CCFLs).	Residential IC&I (small quantity generators; generating 5kg or less per month)	Bulbs and tubes for indoor and outdoor lighting fixtures and appliances. CCFLs used for backlighting in liquid crystal displays (LCDs) (e.g., monitors, portable computers, display devices and printing, copying and multi function devices.)	Excluded from the program – non-fluorescent light bulbs such as incandescent, gas discharge, halogen or LED.	CCFL Bulbs – Units sold Tubes – Units sold based on 3 lengths: shorter than 2 ft. between 2 ft and 4 ft. greater than 4 ft.	
10 Irritants*	Products which are required by federal law to bear the words "CAUTION and IRRITANT" but that do not bear the corrosive ("bony hand") symbol [defined or classified as an "irritant" in the Consumer Chemicals and Containers Regulations].	Residential IC&I (small quantity generators)	Mild acids or bases primarily used for cleaning purposes, e.g., abrasive cleaners, air care, bathroom cleaners, cleaning solvents, laundry detergent, spot removers, dishwashing products, glass cleaners.		Units sold	
11 Leachate Toxics*	Refers to materials that upon extraction produce an extract containing a toxic substance in a quantity greater than the limit identified in Ontario Regulation 347.	Residential IC&I (small quantity generators)	Light ballasts, e.g., from fluorescents. (Additional products to be identified in Year 1)		Measured return share	
12 Mercury Devices – Measuring Devices	Measuring instruments that contain mercury.	Residential IC&I (small quantity generators)	Mercury in thermometers (both fever and non-fever), barometers, manometers, hydrometers, etc.		Measured return share	
13 Mercury Devices – Switches	Products or devices that open or close an electrical circuit, or a liquid or gas valve.	Residential IC&I (small quantity generators)	Switches in vehicles, appliances and other products, e.g., bilge pumps activated by temperature, pressure or liquid level, etc.		Measured return share	
14 Measuring Devices – Thermostats	Products that use a mercury switch to regulate room temperature.	Residential IC&I (small quantity generators)	Thermostats		Measured return share	
15 Oil Containers	Containers with a volume of 30 litres or less sold with petroleum derived or synthetic oil for lubricating machinery or equipment.	Residential IC&I small quantity generator	Synthetic crankcase or engine oil, hydraulic and transmission fluids, gear oil, power steering fluid, marine cylinder oil, natural gas compressor oil, vegetable oil for lubrication, etc.		Volume in litres	Phase 1 material – no changes to the definition
16 Oil Filters	Oil filters produced and/or arriving into the province, which are for sale or use in Ontario, directly or as part of a product or piece of equipment.	Residential IC&I (small quantity generators)	Spin-on or element style filter used in hydraulic, transmission or internal combustion engine applications, e.g., household furnace fuel filters, coolant filters, storage tank diesel fuel filters, sump type automatic transmission filters, plastic or paper element style filters, diesel fuel filters used at retail & commercial pump islands.	Excluded from program – gasoline fuel filter, air filter, household furnace air filter, sock-type filter.	Units sold	Phase 1 material – no changes to the definition
17 Paint & Coatings	All architectural, consumer automotive and consumer marine paints and coatings sold in containers of 30 litres or less.	Residential IC&I (small quantity generators)	Alkyd (oil) paints, latex paints, solvent-based stains and coatings, water-based stains and coatings, primer, basecoat.	Reported under aerosols – paint contained in aerosols. Excluded from program – products sold in containers with a volume greater than 30 litres.	Units sold	Phase 1 material – definition changed under consolidated MHSW plan
18 Pesticides	All registered fungicides, herbicides, insecticides and pesticides with a DOMESTIC classification (includes those banned for sale in Ontario in April 2009).	Residential IC&I (small quantity generators)	Insect repellents, flea/tick collars for pets, weed killers, pest control products.	Any products packaged in aerosols should be reported under aerosols.	Banned pesticides – Measured Return Share Non-banned pesticides – Volume in Litres or Kg	Phase 1 material – definition changed under consolidated MHSW plan
19 Pharmaceuticals	All prescription medications for human & animals. Non-prescription/ Over-The-Counter medications with Drug Identification Number (DIN) limited to: Orally ingested Topical antibiotic and anti-fungal creams. Orally ingested Natural Health Products with Natural Products Number (NPN). Medical inhalers.	Residential only Residential only Residential only Residential only	Includes all pills, capsules, liquids preparations and creams, e.g., analgesics, cough medicines, anti-depressants, anti-nauseates, stimulants. Cough and cold remedies, stomach remedies, acne preparations, pain relievers such as headache medication, allergy medication. Vitamins, cough and cold remedies. All medical inhalers.	Excluded from program – "food" and products in food format, orally ingested drops, lozenges, chewing gum for coughs, sore throats or halitosis. Excluded from program – "food" and products in food format, orally ingested drops, lozenges, chewing gum for coughs, sore throats or halitosis.	Solids (includes creams) to be reported in grams Liquids to be reported in millilitres Pills to be reported by number of pills sold Solids (includes creams) to be reported in grams Liquids to be reported in millilitres Pills to be reported by number of pills sold Weight in grams	
20 Pressurized containers	Refillable and non-refillable containers such as propane cylinders, containers of oxygen, nitrogen, all other compressed gases.	Residential IC&I (small quantity generators)	Seamless cylinders and tubes, welded cylinders and spheres, composite cylinders, insulated cylinders previously containing acetylene, propane, isocyanate resins, helium, nitrogen, oxygen, etc.	Excluded from program – containers sold for commercial or industrial applications and in inspection or lifecycle management programs, containers for refrigerants [under Ontario Environmental Protection Act Reg. 189/94]	Units sold	Phase 1 material – no changes to the definition
21 Reactives	Materials that react with air and/ or water to produce a gas. Materials that explode.	Residential IC&I (small quantity generators)	Cream hardeners used in auto body repair, metal powders.		Measured return share	
22 Sharps & Syringes	Waste sharps such as needles, syringes and lancets used for humans and pets.	Residential only	All needles, syringes, lancets and pens.		Units sold	
23 Toxics*	Toxic and harmful materials that are required by federal law to bear the "crossbone" symbol [as defined in Consumer Chemicals and Containers Regulations].	Residential IC&I (small quantity generators)	Some adhesives.	Reported under Paints and Coatings – any paints or coatings with a Toxic symbol	Measured return share	

KEY FOR USING THE REFERENCE CHART

*In the case of products with multiple properties, i.e., Corrosives, Flammables, Irritants, Leachate Toxics and Toxics, Stewardship Ontario will be providing further instructions regarding the category under which a product must be reported.

A. Designated materials	Lists the 23 categories designated under the consolidated MHSW program
B. Description	Provides a description of each material category
C. Sectors	Identifies which sector(s) materials must be sold into to be included in the consolidated MHSW program, including: The residential sector; and/or All industrial-commercial-institutional (IC&I) sectors; and/or Designated IC&I businesses (a small quantity generator means a business that generates MHSW but is not required to submit a generator registration report as per subsection 18(t) of Regulation 347 under the Environmental Protection Act and that will not return more than 100 kg per month of MHSW through the program)
D. Product Examples	Contains an expanded list of product examples. Note: this is not intended to be an exhaustive list
E. Exclusions	Identifies product exemptions for each material category. Note: this does not mean that products are necessarily excluded from the program
F. Unit of measure	Gives the measure by which stewards will be required to report quantities sold or supplied into Ontario. Note: "Measured Return Share" applies to materials where sufficient data was not available and to obsolete products where it was not possible to set accurate fees. It applies to Toxics, Reactives and Leachates, banned Pesticides, Fertilizers containing banned Pesticides, Mercury Switches & Measuring Devices. Research and analysis will be conducted throughout the year to determine quantities of materials collected under the consolidated MHSW program at which time costs will be allocated to the appropriate steward(s).
G. Changes from Phase 1	Identifies if the material was included in Phase 1 and if there have been any changes to the definition