

IBEL Content – Work Group Packet

March 11, 2010



This document has been developed for use during the March 11th, IBEL workgroup call, scheduled from 11-1 PM Eastern. To participate, please use the following call-in information. Thanks.

(218) 936-1100 Access Code #105445.

-- Jack

IBEL Content- Working Menu

The following is a working list of potential IBEL content. Entries in the table indicate proposed categories and the associated IBEL metric(s) to be measured or reported. Please note: Not all metrics will necessarily apply to all products. This list will evolve through the decisions of work groups, and will be updated after each work group meeting to reflect the most recent status. When completed, this list will constitute a **MENU** of metrics against which product data can be reported. Individual metrics will be selected from this menu to assemble the product label content for each product category in future calls. **Shaded entries in the table are to be considered on the March 11, 2010 work group call.** Changes since last call are displayed in **Blue** text.

Human Health & Environmental

Category	Reportable IBEL Metric	Status
Asthmagens content		
Acute Chemical Concern - Oral		Recommended (Feb 19)
Acute Chemical Concern - Inhalation		Recommended (Feb 19)
Acute Chemical Concern - Dermal		Recommended (Feb 19)
Corrosivity to Skin		April
Skin Sensitizer		April
Product Absorption via Skin		April
Volatile Organic Compound Content		
Chronic Chemical Concern - Oral		
Chronic Chemical Concern - Inhalation		
Chronic Chemical Concern - Dermal		
Phosphorus Eutrophication		March 23
Biodegradable Content – Aquatic		March 23
Bioaccumulating content		March 23
Toxicity to Aquatic Life		March 23
Product Embodied Energy		
Product Embodied Water		

Product Performance

Category	Reportable IBEL Metric	Status
Product Performance (specific to product type)		March 11
Product Duration		March 11
Energy Efficiency		
Water Efficiency		

Additional Product/Packaging

Category	Reportable IBEL Metric	Status
Prohibited Product Content		
Trace contaminants – CMRs (unintentionally added)		
Fragrance	Fragrance Added (No/IFRA/DfE/Other)	Recommended (Feb 19)
Color and dyes	Colorant added (Yes/No)	Recommended (Feb 19)
Combustibility	Flash point, (°F)	Revised (Feb 19)
Post-Consumer Material content (packaging only)	PC Packaging content (%)	Recommended (Feb 9)
Reclaimed Material content –		Combined with PC Content (Feb 19)
Renewable /Biobased Material content (Includes product and packaging)	Renew/Biobased Product Content (%) Renew/Biobased Packaging content (%)	Revised – Posted for comment on IBEL site (WG Call - Feb 9)
Recyclable Product Content (packaging only)	% of Product Recyclable	Revised – Posted for comment on IBEL site. (WG Call - Feb 9)
EOL – Product Takeback (packaging only)		
EOL- Biodegradable/compostable Content – Land disposal		
Labeling content		

Corporate Performance Categories

Category	Reportable IBEL Metric	Status
Sustainability Reporting		
Environmental Mgmt program		
Supply Chain mgmt program		
Sustainable Energy Use		

Performance

The following approach applies to each of the exposure routes above, with exceptions noted in the text below.

IBEL Proposed Metric(s)–

1. Product Performance

- **IBEL Reported Value – 1)** (Performance measure indicated in test)
2) Test Method
- **Method for Reporting /Measurement** – Results of testing by an independent, accredited testing laboratory using an indicated test method for the product category (e.g. OECD Acute **Oral Toxicity Test -TG 401**). Products in a category without a specified test method may report product performance determined by an independent testing lab using a test method designed for measuring the performance of the product (does this work?)
- **Verification** – The following documentation must be provided by manufacturer, if requested, to prove conformance with reported value(s).
 - Report of results of testing by an independent and accredited testing lab
 - Description of test method used. If testing was conducted for a product category without an indicated test method, a description of the test methodology sufficiently detailed to allow repeatable testing.
- **Rationale for inclusion in IBEL** – Product performance is necessary to confirm the efficacy of the product and to allow comparison of product value
- **Reporting Context** – Threshold for acceptable performance according to test method

Definitions

None Applicable

Misc Information/Comments:

Product Performance Tests – the following performance testing protocols have been identified to-date. The intention would be to add to this list additional tests :

Note: There are obviously many others. I propose the formation of a subgroup with the responsibility of determining the applicable method for each product class.

- **Window and Glass Cleaners**

- CSPA DCC-09 Glass Cleaners
- CSPA DCC-09A is a Standard Guide for Evaluating the Filming and Streaking of Glass Cleaners (which is a companion guide to the DCC-09 Glass Cleaners Test Method)

- **Bathroom Cleaners**
 - ASTM D5343 –06 (2006) Standard Guide for Evaluating Cleaning Performance of Ceramic Tile Cleaners ,
 - CSPA DCC-16 is a Guideline for Evaluating the Efficacy of Bathroom Cleaners
- **Hand Dishwashing Cleaners**
 - International Standards Organization (ISO) 4198 Surface Active Agents – Detergents for Hand Dishwashing – Guide for Comparative Testing of Performance
 - CSPA DCC-10 is a Performance Test Method and Guideline for Foam Stability of Hand Dishwashing Detergents.
- **Auto Dishwashing Detergents**
 - International Standards Organization (ISO) 7535 Surface Active Agents – Detergents for Domestic Machine Dishwashing – Guide for Comparative Testing of Performance.
- **Resilient Floor Cleaners**
 - ASTM D4488 - 95(2008) e1 “*Standard Guide for Testing Cleaning Performance of Products Intended for Use on Resilient Flooring and Washable Walls,*” methods A5 or A6.
- **Oven Cleaners**
 - CSPA DCC-12 is a Performance Test Method and Guideline for Screening the Efficacy of Oven Cleaners.
- **Other Cleaners (not specified)** - CAN/CGSB 2-GP-11, Method 20.3 Methods of Testing and Analysis of Soaps and Detergents.

Other Sources include: CRI, ...

Additional Tests

In addition, a review of existing ASTM test methods determined a few additional test protocols that were not referenced in any existing standards, but may be applicable to hard surface cleaners. These tests included the following:

- ASTM E2346 – 04 (2004) Standard Guide for Sensory Evaluation of Household Hard Surface-Cleaning Products with Emphasis on Spray Triggers
- ASTM G122-96(2002) is a Standard Test Method for Evaluating the Effectiveness of Cleaning Agents and covers a procedure for evaluating the capability of cleaning agents and processes to remove contamination to the desired level.
- CSPA DCC-17 is a Greasy Soil Test Method for Evaluating Spray-and-Wipe Cleaners Used on Hard, Non-Glossy Surfaces.

Strawman & Comments

The following is a subsection of the original IBEL strawman and all comments submitted for each relevant metric under discussion during this call.

Product Performance (specific to product type)	Product performance (test score e.g. 95% soil removal) Test method	Product Performance (specific to product type)
<p>COMMENTS:</p> <p><u>Mark Kozak</u> Do we need to address performance? Won't customers determine if product meets their needs or expectations? Unless this section is used to show continued product improvement I'm not necessarily in favor of using this as a "spec:".</p> <p><u>Libby Sommer</u> This is very interesting. Highlighting the best practices in each product category might be useful.</p> <p><u>Don Versteeg</u> Very important to get right, this whole area is getting a bad rap due to green products that don't work well. We have to set a high bar for every product category and list it on the label.</p>		
Product Duration	Duration of coatings (e.g. floor finishes)	
<p>COMMENT:</p> <p><u>Don Versteeg</u> I would delete. These seem to apply to equipment, let's get formulated products right, then expand.</p>		