



Alternatives Assessment Symposium II
Case Study



Retail Supply Chain:

Chemical Database and Confidential Business
Information Applications

July, 2010



Company Background

- **Founded 1984**
- **100% Focus on Chemical Related Industries**
 - Manufacturing, Distribution, Retail
 - Global Materials Compliance
 - Green Chemistry / Sustainability
- **Software / Professional Services**
 - Uniquely Leverage Software Technology, Content, and Regulatory Staff
- **Other**
 - Green Assessment of over 150,000 unique Consumer Products
 - Active Participant in with GC3 – Green Chemistry and Commerce Council
 - RILA – Compliance and Sustainability- Co-Presentations / Walmart
 - EPA / dFE
 - Hosted Numerous “Consumer Packaged Goods” Supplier Workshops

Case Study: Retailer Challenges

- 1) Properly Handle, Store, Transport Chemical Products*
- 2) How to Identify & Promote Products Safe for Human Health & Environment*



Case Study: Program Participants

Participating Retailers:



Critical Data on over 160,000 Unique Consumer Products/UPC's

- Automotive
- Household Cleaning
- Health/Beauty
- Lawn & Garden
- Industrial Cleaning
- Pool Supplies,
- Batteries
- OTC Pharmaceuticals



Johnson & Johnson



ECOLAB



RUST-OLEUM

SC Johnson
A FAMILY COMPANY

Playtex



Unilever



Valvoline

valspar

P&G



3M



LEXMARK



SHERWIN
Williams



WORTHINGTON
CYLINDERS
A Worthington Industries Company

ALBERTO CULVER



BONNEBELL



REVLON



JohnsonDiversey
Clean is just the beginning



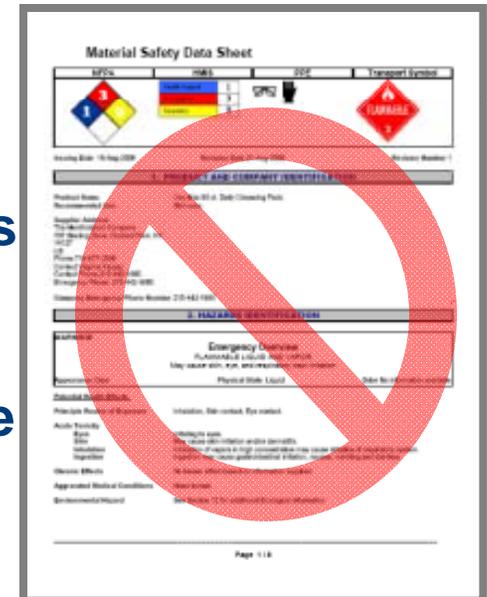
i n v e n t

Sally Hansen

Case Study:

Retailer Challenge - Data GAP

- ✓ **RETAILER - rely on supplier MSDSs for critical regulatory compliance, waste, logistics, EHS, transportation etc information**
- ✓ **MSDSs – never meant to support these business needs!**
- ✓ **The Best prepared MSDSs do NOT communicate all data required by Retailers**
- ✓ **Green Product Classification Seals can be cost prohibitive and impractical for every product in the retail supply chain**



Case Study:

Retailer Challenge - Data GAP

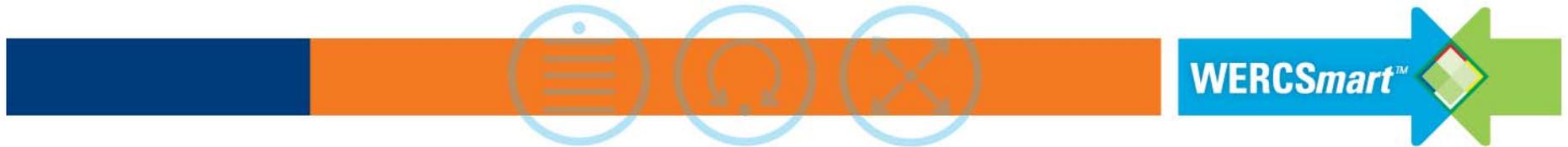
Leveraging what the Supplier knows...

Manufacturers often

- ✓ DO NOT UNDERSTAND state and local regulatory, environmental, human health impact of their products
- ✓ DO UNDERSTAND chemical composition of products

...into data retailers require

- ✓ Gather necessary and validated supplier “ingredient data” via WEB PORTAL
- ✓ Extrapolate Ingredient data into critical regulatory, EHS results and Green Scoring characteristics for each product with WERCS tools, Content, and experts.
- ✓ Act as a 3rd Party Protect Confidential Supplier Information while providing critical need data to Program Sponsor
(Retailer, State Agencies, Electronic Manufacturer, etc.)



Case Study:

Industry Challenge - Solved

Based on Full Disclosure of Chemical Ingredients...we provide critical data to RETAIL INDUSTRY for:

Regulatory Compliance

- Correct Handling, Storage, Transportation and Disposal of Chemical Based Products, Local Restrictions, OSHA

Green Chemical Screening/Scoring

- Identify Hazards to Human Health and Environment / Calculate a Relative “Green Score”
- Highly Configurable Scoring Approach – Dynamic Over time
- Partner with Suppliers / NGO’s to drive safer chemicals

Cost Effective / Efficient

Protects Supplier Confidential Business Information

Suppliers



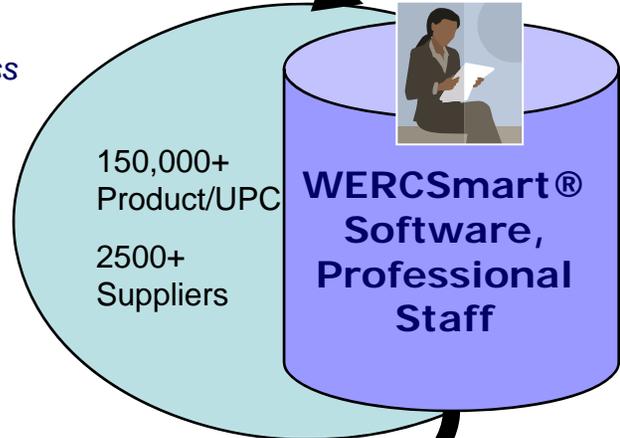
New Item Setup / Procurement

Chemical Based Products



WERCSmart™ Web Portal
24/7/365 Access

Ingredient Data



Retailers



2 Business Days

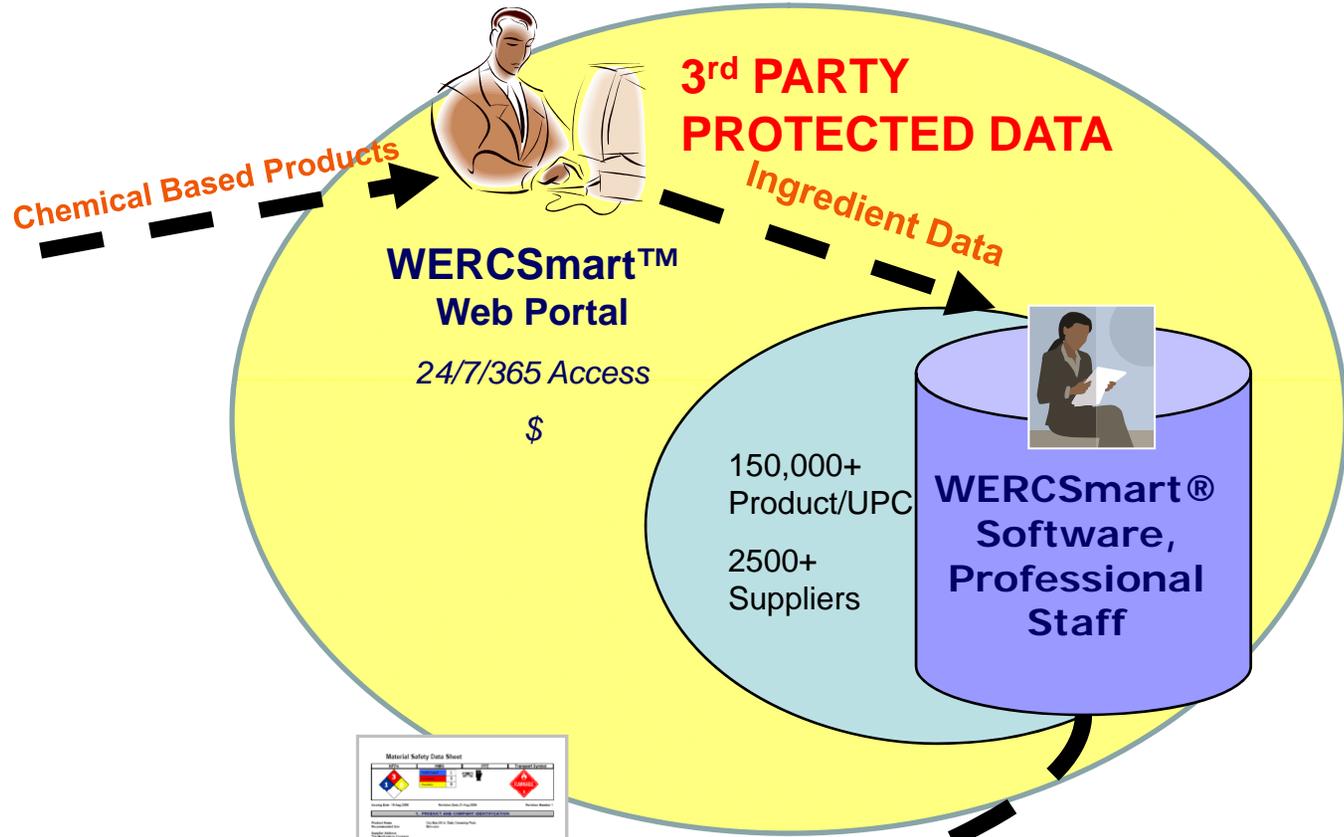


Storage, Shipping, Hazard Waste, Restriction Green Score, Safety Data & Documents

Suppliers



New Item Setup / Procurement



Retailers



2 Business Days

Storage, Shipping, Hazard Waste, Restriction Green Score, Safety Data & Documents



The WERCS - The retailer - Microsoft Internet Explorer provided by The WERCS, Ltd

https://secure.supplierwercs.com/client/core.aspx?pid=5ee6424c-4079-4c12-8d81-9199081e3963 Wercs Professional Services, LLC [US] Google

File Edit View Favorites Tools Help

Google Search Bookmarks Check AutoFill Sign In

The WERCS - The retailer Home Feeds (J) Print Page Tools

WERCSmart™

WERCSmart Chemical Assessment Review Process

Wercs® Professional Services Sign Out

Chemical Assessment Retailer Data UPC Numbers Data Review Documents

Product Information Composition Physical Data Transportation Classification Other Characteristics

Site Help
FAQ's
Site Tips
Terminology
Privacy Policy
Support

Page Help
Data Entry Tips

Product Name
Sample Bathroom Cleaner

Progress

Selected Product Use
No descriptions selected.

Available Categories: Select...
Select...
Adhesives/Glues
Arts and Crafts
Automotive/Vehicle Related
Batteries
Cleaning Supplies
Grocery
Health and Beauty
Home Improvement
Lawn and Garden
Miscellaneous
Paint/Paint Related Material
Pet Care
Pharmacy
Sporting Goods
Stationery
Store Supplies
Toys

Filter Descriptions: ...Contains... Filter

When you are finished, click **Continue**

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Worldwide Environmental Regulatory Compliance Solutions

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DISCIPLINED AND STRUCTURED DATA ENTRY AND INGREDIENT DISCLOSURE

Start | Inboxes - Microsoft Outlook | The WERCS - The reta... | 2:58 PM

The WERCS - The retailer - Microsoft Internet Explorer provided by The WERCS, Ltd

https://secure.supplierwercs.com/client/core.aspx?pid=5ee6424c-4079-4c12-8d81-9199081e3963

Wercs Professional Services, LLC [US]

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Google Search

The WERCS - The retailer

Home Feeds (1) Print Page Tools

WERCSmart™

WERCSmart Chemical Assessment Review Process

Wercs® Professional Services Sign Out

Chemical Assessment Retailer Data UPC Numbers Data Review Documents

Product Information Composition Physical Data Transportation Classification Other Characteristics

Composition

Action	Chemical Name	CAS Number	Exact %	Range %	Trade Secret?	Regulatory Listed?
Edit Delete	Water	7732-18-5	30			Yes - Details
Edit Delete	D-Limonene	5989-27-5	38			Yes - Details
Edit Delete	Dipropylene glycol monomethyl ether	34590-94-8	10			Yes - Details
Edit Delete	Polyethylene glycol	25322-68-3	11			Yes - Details
Edit Delete	Alcohols, C12-14-secondary	126950-60-5	10			
Edit Delete	Tetrasodium EDTA	64-02-8	1			Yes - Details
Total %			100			

[Add Chemical](#)

IMPORTANT - PLEASE READ

Providing the product ingredients.

To ensure the accuracy of the chemical assessment, please enter the CAS number for each component in the product, including the percentage of the component, according to the guidelines (click the 'Guidelines' link below). Please note that full composition disclosure is required as part of the Chemical Assessment Review Process.

Composition Guidelines

Providing additional information relating to the product composition will improve turnaround time and result in a more accurate assessment. When prompted, please also enter the UN number (if the product is regulated for transport) and the LD50/LC50 toxicity values (if known).

- List the CAS numbers and weight percentages for all components, both hazardous and non-hazardous.- [View Hazardous List](#)
- When items vary in color or scent: List the CAS numbers for all of the pigments or fragrances that may be in the products

[Back](#) [Continue](#) [Home](#)

Product Name: Sample Bathroom Cleaner

Progress:

Site Help: FAQ's, Site Tips, Terminology, Privacy Policy, Support

Page Help: Data Entry Tips

Start | Inboxes - Microsoft Outlook | The WERCS - The reta... | Microsoft PowerPoint - [J... | 7:22 AM



WERCSmart
 WERCSmart Chemical Assessment

Chemical Assessment

Product Information Composition

Composition

Action	Chemical Name
Edit Delete	Water
Edit Delete	D-Limonene
Edit Delete	Dipropylene glycol monomethyl ether
Edit Delete	Polyethylene glycol
Edit Delete	Alcohols, C12-14-secondary
Edit Delete	Tetrasodium EDTA

[Add Chemical](#)

Providing the product ingredients.

To ensure the accuracy of the chemical assessment, please provide the chemical name, CAS number, and weight percentage for each component, according to the guidelines (click the 'Guidelines' link for more information on the Assessment Review Process).

[Composition Guidelines](#)

Providing additional information relating to the product composition will improve turnaround time and result in a more accurate assessment. When prompted, please also enter the UN number (if the product is regulated for transport) and the LD50/LC50 toxicity values (if known).

- List the CAS numbers and weight percentages for all components, both hazardous and non-hazardous.- [View Hazardous List](#)
- When items vary in color or scent: List the CAS numbers for all of the pigments or fragrances that may be in the products

[Back](#) [Continue](#) [Home](#)

The WERCS - componentSearch - Microsoft Internet Explorer provided by The WERCS, Ltd
 https://secure.supplierwercs.com/private/componentSearch.aspx?pid=5ee6424c-4079-4c12-8d81-9199081e3963
 Wercs Professional Services, LLC [US]

Search for a chemical by CAS# or Chemical Name. [See Full Disclosure Requirement](#)

CAS # [Search](#) [Close](#)

OR

Chemical Name

Select CAS#/ Chemical Name from list below.

Add	CAS #	Chemical Name	Regulatory Listed?
+	76-64-2	5-Methyl-4,4-diphenyl-1-piperidino-hexan-3-one	
+	766-40-5	3,4-Dichloro-5-hydroxyfuran-2(5H)-one	
+	7664-38-2	Phosphoric acid	Yes - Details
+	7664-39-3	Deuterium fluoride	Yes - Details
+	7664-39-3	Hydrogen fluoride	Yes - Details
+	7664-66-6	4-Isopropoxyaniline	
+	7664-80-4	Acetic acid, mercapto-, octyl ester	
+	7664-93-9	Sulfuric acid	Yes - Details
+	76643-42-0	2-Butenedioic acid (Z)-, monobutyl ester, polymer with butyl 2-propenoate, diethenylbenzene and ethenylbenzene	
+	76643-49-7	4,5-Diamino-1,8-dihydroxy-2,7-bis(2-methylpropyl)anthraquinone	

Pages [\[1\]](#) [\[2\]](#) [\[3\]](#) [\[4\]](#) [\[5\]](#)

The Wercs

Show all Refresh Tree Start at: Colors Toggle ask Actions

U.S. - California - 22 CCR - Presumed Hazardous Wastes (1337)

CAS	Name	Data
100-01-6	p-Nitroaniline	Ignitable; Reactive
100-07-2	Anisoyl chloride	Toxic; Corrosive
1002-16-0	n-Amyl nitrite	Toxic; Ignitable
10022-31-8	Barium nitrate	Toxic; Ignitable
100-25-4	p-Dinitrobenzene	Toxic
10025-73-7	Chromic chloride	Toxic
10025-91-9	Antimony trichloride	Toxic; Corrosive
10034-81-8	Magnesium perchlorate	Toxic; Ignitable; Reactive
100-39-0	Benzyl bromide	Toxic; Corrosive
100-41-4	Ethylbenzene	Toxic; Ignitable
100-42-5	Styrene	Toxic; Ignitable
10042-76-9	Strontium nitrate	Toxic; Ignitable; Reactive
100-44-7	Benzyl chloride	Toxic
10045-94-0	Mercuric nitrate	Toxic; Ignitable
100-61-8	n-Methylaniline	Toxic
10099-74-8	Lead nitrate	Toxic; Ignitable
10101-50-5	Sodium permanganate	Toxic; Ignitable
10101-53-8	Chromic sulfate	Toxic
10102-06-4	Uranyl nitrate	Toxic; Ignitable; Reactive
10108-64-2	Cadmium chloride	Toxic
10118-76-0	Calcium permanganate	Toxic; Ignitable
10124-36-4	Cadmium sulfate	Toxic
10124-37-5	Calcium nitrate	Ignitable; Reactive
10124-43-3	Cobaltous sulfate	Toxic
10124-48-8	Mercuric ammonium chloride	Toxic
10137-74-3	Calcium chlorate	Ignitable; Reactive
10141-05-6	Cobaltous nitrate	Toxic; Ignitable
10294-40-3	Barium chromate	Toxic
10325-94-7	Cadmium nitrate	Toxic; Ignitable; Reactive
10326-21-3	Magnesium chlorate	Ignitable; Reactive
10361-37-2	Barium chloride	Toxic
10377-60-3	Magnesium nitrate	Ignitable; Reactive
10377-66-9	Manganese nitrate	Toxic; Ignitable
10415-75-5	Mercurous nitrate	Ignitable; Reactive
105-37-3	Ethyl propionate	Ignitable
10544-72-6	Nitrogen tetroxide	Toxic; Ignitable
10553-31-8	Barium bromide	Toxic
105-54-4	Ethyl butyrate	Ignitable
105-64-6	Diisopropyl peroxydicarbonate	Toxic; Corrosive; Ignitable; Reactive
105-74-8	Lauroyl peroxide	Toxic; Corrosive; Ignitable; Reactive
10588-01-9	Sodium dichromate	Toxic; Corrosive; Ignitable
106-49-0	p-Toluidine	Toxic
106-89-8	Epichlorohydrin	Toxic; Ignitable

List Info List Help

Start
WERCs Studio
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The WERCs Regulatory ...

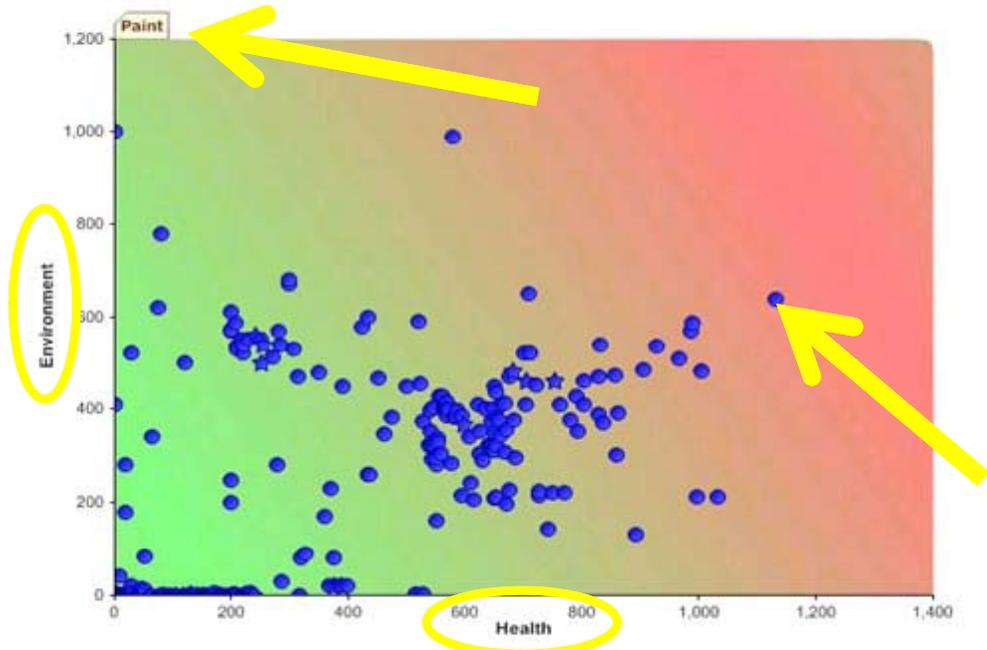
Highlights - Products displayed: 383

Best Scored Product
 Health: 0
 Environment: 0

Worst Scored Product
 7715830 - Bright Coat Metallic Spray PR (Aluminum)
 Health: 1196
 Environment: 590

Categories

Environment	638
Health	1132
Hazardous Waste Disposal	Yes



Symbols: Single UPC score displayed as ● Multiple UPC for same score displayed as ★

UPCs for this Product

020066186197

Supplier Details

Supplier Name	...
Address	...
Phone	...
Fax	...
Website	...

Product Details

Scoring details for 7715830 - Bright Coat Metallic Spray PR (Aluminum)

Health
 Reproductive and Developmental Hazards : 45
 Known Carcinogens : 834
 Mutagenic Hazards : 253
 Total: 1132

Environment
 Hazardous Waste : 638
 Total: 638

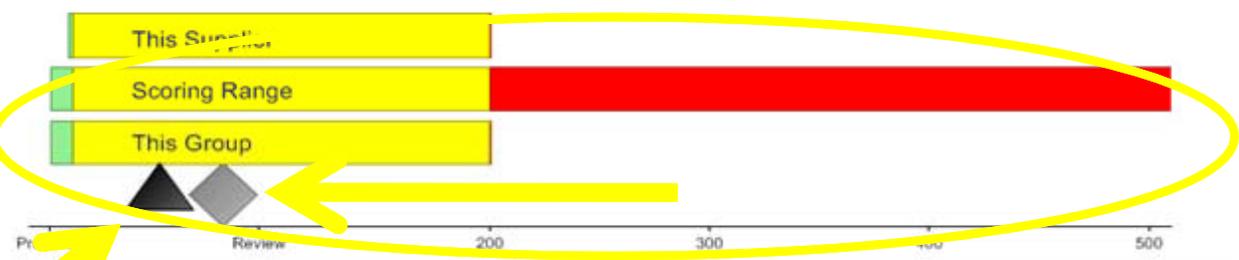


Help for searches | Advanced Search | Administer Web Site

Search for UPC: Submit Allow Multiple UPC selection

UPC Details: [View Full Report for This Product ID: 1014499](#)
Recommended Use: Shaving cream;
Supplied by: [The Wercs Group, Inc.](#)

Category scoring details | Notes



Key Data		Scoring Summary	
Hazardous Waste: Yes		Score of this Product:	50
US EPA Waste Number: D001		Average Score of Products in Group	79
Emergency Overview: May cause sensitization by skin contact		Range of Scores for Products in Group	0 - 200
		Number of other Products in Group	29
		Range of Scores for Products from this Supplier	8 - 200
		Average Score of Products from this Supplier	81
		Number of Products from this Supplier	13



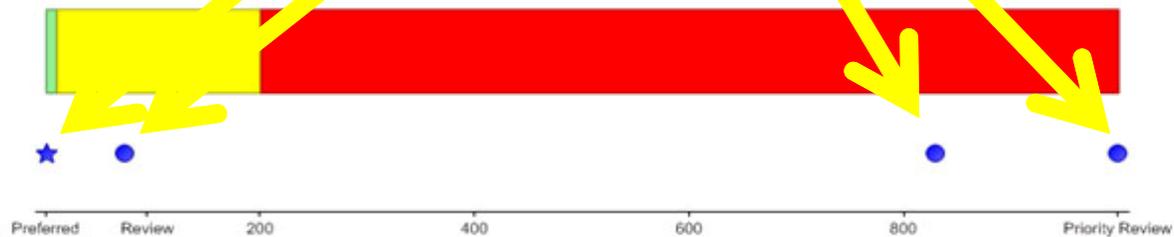
Help for searches | Advanced Search | Administer Web Site

Search for UPC: Add Allow Multiple UPC selection

Selected UPCs

Clear Submit

No data for this UPC or you are not allowed to view the data for this UPC.



Scoring Summary	
Score of this Product:	-
Average Score of Products in Group	500
Range of Scores for Products in Group	0 - 1597
Number of other Products in Group	5
Range of Scores for Products from this Supplier	-
Average Score of Products from this Supplier	-
Number of Products from this Supplier	-

Symbols: Single UPC score displayed as ● Multiple UPC for same score displayed as ★

User-Defined "Green"

Configurability Allow Users to Define Own Criteria

Data Administration - Views - Microsoft Internet Explorer provided by The WERCS, Ltd

https://secure.supplierwercs.com/greenwercs/Administration.aspx

Identified by VeriSign

Google

Data Administration - Views

Home Feeds (J) Print Page Tools



Current View Groups Categories Access Management Scoring Advanced Search Analytics

View Management

Select View: ...

Categories used in this View:

Name	Axis Group	Weight	Active	Details
Known Carcinogens	Health	10	<input checked="" type="checkbox"/>	Details
Reproductive and Developmental Hazards	Health	10	<input checked="" type="checkbox"/>	Details
Wal-Mart Grey List	Health	10	<input checked="" type="checkbox"/>	Details
Endocrine Disruptors	Health	1	<input checked="" type="checkbox"/>	Details
Suspected Carcinogens	Health	5	<input checked="" type="checkbox"/>	Details
Mutagenic Hazards	Health	10	<input checked="" type="checkbox"/>	Details
Hazardous Waste	Environment	10	<input checked="" type="checkbox"/>	Details
PBT Chemicals	Environment	10	<input checked="" type="checkbox"/>	Details
PvBs	Environment	10	<input checked="" type="checkbox"/>	Details

Maximum Possible Score: 7600

Sustainability Goals

	2009	2010	2011
Health	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Environment	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Scoring Parameters

Maximum Score:	<input type="text" value="1000"/>
Green Band Maximum:	<input type="text" value="10"/>
Yellow Band Maximum:	<input type="text" value="200"/>
Red Band Maximum:	<input type="text" value="500"/>

Re-Scoring all Products may take a very long time.
Do this only when necessary.

User-Defined "Green"

Configurability Allow Users to Define Own Criteria

Data Administration - Views - Microsoft Internet Explorer provided by The WERCS, Ltd

https://secure.supplierwercs.com/greenwercs/Administration.aspx

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Known Carcinogens	Health	10	<input checked="" type="checkbox"/>	Details
Reproductive and Developmental Hazards	Health	10	<input checked="" type="checkbox"/>	Details
Wal-Mart Grey List	Health	10	<input checked="" type="checkbox"/>	Details
Endocrine Disruptors	Health	1	<input checked="" type="checkbox"/>	Details
Suspected Carcinogens	Health	5	<input checked="" type="checkbox"/>	Details
Mutagenic Hazards	Health	10	<input checked="" type="checkbox"/>	Details
Hazardous Waste	Environment	10	<input checked="" type="checkbox"/>	Details
PBT Chemicals	Environment	10	<input checked="" type="checkbox"/>	Details
vPvBs	Environment	10	<input checked="" type="checkbox"/>	Details

Maximum Possible Score: 7600

Sustainability Goals

	2009	2010	2011
Health	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Environment	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Scoring Parameters

Maximum Score:

Green Band Maximum:

Yellow Band Maximum:

Red Band Maximum:

**Re-Scoring all Products may take a very long time.
Do this only when necessary.**



Current View Groups Categories Access Management Scoring Advanced Search Analytics

Category Definition

Known Carcinogens

[Remove Selected Link\(s\)](#)

[Add a Link](#)

Remove?

List Name

- Physical Properties - Evaporation Rates
- Hong Kong - Controlled Chemicals Schedule 3
- Hong Kong - Controlled Chemicals Schedule 2
- Japan - Environmental Quality Standards - Soil Pollution
- Japan - Environmental Quality Standards - Groundwater
- Japan - Environmental Quality Standards - Annual Air Quality
- EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

Ozone Depleti

[Remove Selected Link\(s\)](#)

[Add a Link](#)

Remove?

List Name

Data Administration - Categories - Microsoft Internet Explorer provided by The WERCS, Ltd

http://wercsinstall/Wercs.GreenWERCS.SA.Web/LinkedList.aspx

File Edit View Favorites Tools Help

Air 1, The Positive Alterna... Babblefish multimedia de... CAS Search Report ChristianTuner.com Prais... Contacts Report ContactsReportL

Data Administration - Categories Home Feeds (J) Read Mail Print Page Safety Tools Help

Ozone Depleti Remove Selected Link (s) Add a Link

Remove?	List Name
<input type="checkbox"/>	U.S. - California - Ozone Depleting Compounds Prohibited in Antiperspirants and Deodorants
<input type="checkbox"/>	U.S. - CAA (Clean Air Act) - Class I Ozone Depletors
<input type="checkbox"/>	U.S. - CAA (Clean Air Act) - Class II Ozone Depletors

Reproductive and Development Hazards Remove Selected Link (s) Add a Link

Remove?	List Name
<input type="checkbox"/>	Hong Kong - Controlled Chemicals Schedule 2
<input type="checkbox"/>	Hong Kong - Controlled Chemicals Schedule 1
<input type="checkbox"/>	Japan - Environmental Quality Standards - Soil Pollution
<input type="checkbox"/>	U.S. - California - Proposition 65 - Reproductive Toxicity - Male
<input type="checkbox"/>	U.S. - California - Proposition 65 - Reproductive Toxicity - Female

Hazardous Waste Remove Selected Link (s) Add a Link

Remove?	List Name
<input type="checkbox"/>	U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics
<input type="checkbox"/>	U.S. - RCRA (Resource Conservation & Recovery Act) - P Series Wastes - Acutely Toxic Wastes
<input type="checkbox"/>	U.S. - RCRA (Resource Conservation & Recovery Act) - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic

12:16 PM 3/16/2010

Data Administration - Categories - Microsoft Internet Explorer provided by The WERCS, Ltd

http://wercsinstall/Wercs.GreenWERCS.SA.Web/LinkedList.aspx

File Edit View Favorites Tools Help

Air 1, The Positive Alterna... Babblefish multimedia de... CAS Search Report ChristianTuner.com Prais... Contacts Report ContactsReportL

Data Administration - Categories Home Feeds (J) Read Mail Print Page Safety Tools Help

Remove?	List Name		
<input type="checkbox"/>	EU - Endocrine Disruptors (COM (2001)262) - List of Evaluated Substances and their Exposure Concern		
<input type="checkbox"/>	Denmark - List of Substances with Documented Endocrine Disruption Effects		
Suspected Carcinogens		Remove Selected Link (s)	Add a Link
Remove?	List Name		
<input type="checkbox"/>	Hong Kong - Controlled Chemicals Schedule 2		
<input type="checkbox"/>	Hong Kong - Controlled Chemicals Schedule 1		
<input type="checkbox"/>	IARC - Group 2B (Possibly Carcinogenic to Humans)		
Mutagenic Hazards		Remove Selected Link (s)	Add a Link
Remove?	List Name		
<input type="checkbox"/>	EU - REACH (1907/2006) - Appendix 4 - Mutagens: Category 1B (Table 3.1) / Category 2 (Table 3.2)		
Sensitizer		Remove Selected Link (s)	Add a Link
Remove?	List Name		
<input type="checkbox"/>	Japan - GHS - Skin Sensitizers		
<input type="checkbox"/>	Japan - GHS - Respiratory Sensitizers		
<input type="checkbox"/>	ACGIH - Threshold Limit Values - Sensitization (SEN) Notations		

12:16 PM 3/16/2010

PBT Chemicals

[Remove Selected Link\(s\)](#)

[Add a Link](#)

Remove?

List Name

- Japan - Environmental Quality Standards - Groundwater
- Japan - Environmental Quality Standards - Annual Air Quality
- Japan - Environmental Quality Standards - Hourly Air Quality
- U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing
- U.S. - Washington - Persistent Bioaccumulative Toxins
- EU - Persistent Organic Pollutants (Decision 2006/507/EC) - Stockholm Convention
- EU - Interim Strategy for Management of PBT and vPvB Substances (PBT Assessments)
- U.S. - RCRA (Resource Conservation & Recovery Act) - Waste Minimization Priority Chemicals
- U.S. - EPA - Priority PBT List

Air Pollutants

[Remove Selected Link\(s\)](#)

[Add a Link](#)

Remove?

List Name

- U.S. - Maine - Air Pollutants - Hazardous Air Pollutants
- U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
- AIHA - Odor Threshold Values
- U.S. - CAA (Clean Air Act) - HON Rule - Organic HAPs
- U.S. - CAA (Clean Air Act) - High Risk Hazardous Air Pollutants

Water Pollutants

[Remove Selected Link\(s\)](#)

[Add a Link](#)

Remove?

List Name



Current View Groups Categories Access Management Scoring Advanced Search Analytics

View Management

Select View: ...

Categories used in this View:

Name	Axis Group	Weight	Active	Details
Known Carcinogens	Health	10	<input checked="" type="checkbox"/>	Details
Reproductive and Developmental Hazards	Health	10	<input checked="" type="checkbox"/>	Details
Wal-Mart Grey List	Health	10	<input checked="" type="checkbox"/>	Details
Endocrine Disruptors	Health	1	<input checked="" type="checkbox"/>	Details
Suspected Carcinogens	Health	5	<input checked="" type="checkbox"/>	Details
Mutagenic Hazards	Health	10	<input checked="" type="checkbox"/>	Details
Hazardous Waste	Environment	10	<input checked="" type="checkbox"/>	Details
PBT Chemicals	Environment	10	<input checked="" type="checkbox"/>	Details
vPvBs	Environment	10	<input checked="" type="checkbox"/>	Details

Sustainability Goals	2009	2010	2011
Health	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Environment	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Save Goals

Scoring Parameters

Maximum Score:	<input type="text" value="1000"/>
Green Band Maximum:	<input type="text" value="10"/>
Yellow Band Maximum:	<input type="text" value="200"/>
Red Band Maximum:	<input type="text" value="500"/>

Save Parameters

Re-Score All Products

Re-Scoring all Products may take a very long time. Do this only when necessary.

Maximum Possible Score: 7600

Save Mapping

Edit Categories

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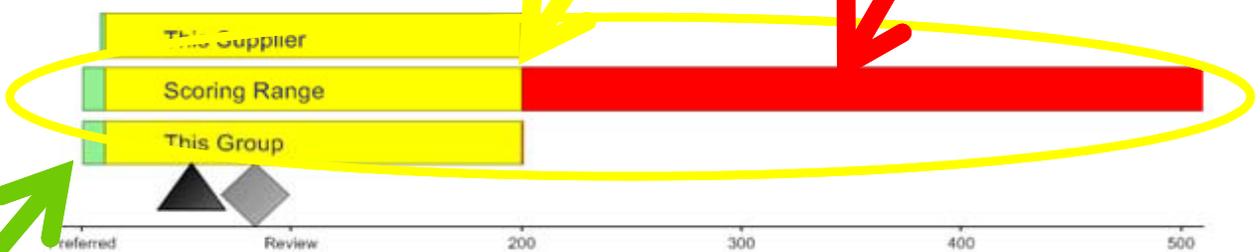


Help for searches | Advanced Search | Administer Web Site

Search for UPC: Submit Allow Multiple UPC selection

UPC Details: [View Full Report](#) [View Full Product ID](#) [View History](#)
Recommended Use: Shaving cream;
Supplied by:

Category scoring details | Notes



Key Data	
Hazardous Waste:	Yes
US EPA Waste Number:	D001
Emergency Overview: May cause sensitization by skin contact	

Scoring Summary	
Score of this Product:	50
Average Score of Products in Group	79
Range of Scores for Products in Group	0 - 200
Number of other Products in Group	29
Range of Scores for Products from this Supplier	8 - 200
Average Score of Products from this Supplier	81
Number of Products from this Supplier	13



Help for searches | [Advanced Search](#) | [Administer Web Site](#)

Search for UPC: Allow Multiple UPC selection

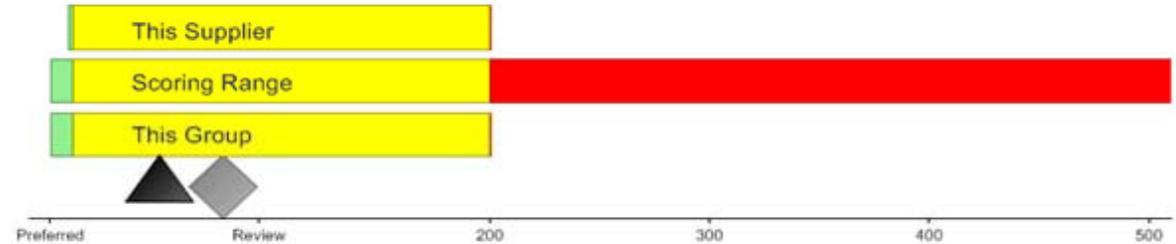
UPC Details: [View All Suppliers for This Product ID: 11111111](#)

Recommended Use: Shaving cream;

Supplied by:

[The Wercs Group, Inc.](#)
[11111111](#)
[11111111](#)
[11111111](#)

[Category scoring details](#) | [Notes](#)



Key Data	
Hazardous Waste:	Yes
US EPA Waste Number:	D001
Emergency Overview: May cause sensitization by skin contact	

Scoring Summary	
Score of this Product:	50
Average Score of Products in Group	79
Range of Scores for Products in Group	0 - 200
Number of other Products in Group	29
Range of Scores for Products from this Supplier	8 - 200
Average Score of Products from this Supplier	81
Number of Products from this Supplier	13





CASE STUDY Findings

- WERCSmart program business model offers:
 - 3rd Party Protection of confidential supplier ingredients
 - Supplier Funded / No cost to Procurement Body
 - Cost effective for suppliers
 - “One-to-Many”
 - Provides real time transparency in scoring approach to suppliers
- Leverages authoritative chemical “lists”
- Takes into account “chemicals of concern” and “known safer alternatives list” in scoring
- Program is audited, secure, robust



Worldwide Environmental Regulatory Compliance Systems

THANK YOU

FOR ADDITIONAL INFORMATION :

PLEASE CONTACT

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