Dangerous Goods

Sharing Product Data & Material Safety Sheets efficiently

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7th of March 2016
Intergamma

- 3 Formula
  - 3 webshops
  - 385 DIY shops
- 2 Countries
- 100% Franchise
- Marketleader Benelux
- 100% EDI Order-to-pay
- 15% Return Management
What’s the problem?

• In order to protect European consumers, animals and the European environment governments seeks for more transparency within the supply chain

• To fill in this need of transparency more in-depth and trusted information and documentation is needed by all parties

• In order to control costs it is needed to share data and documents between trading partners more effectively
Impact of Dangerous Goods

> 20%
The Solution!

1. One language for Dangerous Goods Information within retail
2. One mechanism for data-sharing of Dangerous Goods Information
   - Central Datapool Belgium (CDB)
3. One mechanism for saving Documents
   - Digital Asset Management (DAM)
4. One Data Quality Program for Dangerous Goods Information
Intergamma Roll out plan

✓ Systems and processes have been adapted to GS1 solution

✓ GS1 Solution including Data Quality Program is mandatory for all suppliers!

✓ Letter of implementation will be send within two weeks to all suppliers

✓ Implementation deadline: 1st of May 2016
Film
What’s the problem?

- Preventing criminal or non-juridical activities
- Image control, loss of sales
- Preventing accidents, environmental damages
- Preventing penalties, closing stores
- Reducing risk by means of risk management
What’s the problem?

‘A DIY shop is like a forest full of trees, it’s difficult to see all of the unique products being sold separately’
What’s the problem?

‘By launching websites it will be easier for governmental bodies and consumers to see whether companies and products are compliant’
Two years ago

Deal

Suppliers

DC Tiel

The Global Language of Business
Last Year

Deal

Suppliers

Return

Return

DC Tiel

Katoen Natie

HEMA

Wehkamp
Why working on Dangerous Goods?

✓ Serving our customers
✓ Improving our supply chain
✓ Improve the safety of our stores and products
✓ Lowering costs of operations
✓ Reducing errors, miscommunication
✓ Stay compliant
Law & regulations – Complexity
<table>
<thead>
<tr>
<th>Ref.</th>
<th>Objectifs</th>
<th>Uitleg</th>
<th>Wet. of regelgeving</th>
<th>Verantwoordelijk</th>
<th>Norm of eis</th>
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</table>

The Global Language of Business
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15
Law & regulations – Qu-find
Law & regulation – Qu-find

Welke eisen worden aan objecten gesteld vanuit wet en regelgeving en tot welke taken leiden die?

Belastingverordening

Wet stelsel-eenheidscontrole

Bestrijding misbruiken buiten bereik van kinderen => op hoogte gezet? Gegevens: ...

Bestrijding misbruik buiten bereik van kinderen => op hoogte gezet? Gegevens: ...

Voorkom chemische reacties, bijvoorbeeld, stoffen schadelijk (conform PG) => bij bijpassing boven drempelwaarde) => actie niet expliciet Gegevens: ...

Lokbakken aanbrengen onder alleADR 2 vloeistoffen bij => 21 op een schaap => plaats lokbakken waar nodig Gegevens: ...

Restaurant artikel 4.8

Butlers, PG15
Dangerous Goods – As-is situation

**Bottlenecks**

- Dangerous Goods information separately from other product data
- Via Excel
- Product data not timely available (>1 month)
- Safety data sheets not checked
Internal research

- Time spending Intergamma >200 uur p/m
- >31% outdated SDS or non-compliant
- Costs > € 250,000.- p/year
- >5% SDS missing
- Delivery time 1 day – 2 year
- Lack of CMR, Biocide, Pesticide Information

- No archive
- Proces time >1 month
- Lack of supplier control
- >25% difference between SDS and label
- >16% of information is missing on SDS

Lack of CMR, Biocide, Pesticide Information
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Dangerous Goods – Data Quality Program

Digitale artikeldata
- GTIN
- Artikelomschrijving
- GLN
- Volume
- Volume eenheid
- ADR- gevarenklasse
- ADR verpakkingsgroep
- ADR tunnelcode
- ....

Supplier

Retailer
Dangerous Goods – New process

In figures

- 1 Language between suppliers and retailers
- 55 New Dangerous Goods attributes
- 23 Attributes related to Safety Data Sheet
- 6 Attributes related to Declaration of Performance Document (DOP)
- Global Product Classification (GPC) becomes mandatory
- Physical exchange of 2 documents (SDS and DOP)
<table>
<thead>
<tr>
<th><strong>Is it new?</strong> <strong>No; via GS1 Datapool</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Administration</strong></td>
</tr>
<tr>
<td>• GTIN, Name of the product</td>
</tr>
<tr>
<td>• Brand, Supplier information</td>
</tr>
<tr>
<td>• ...</td>
</tr>
<tr>
<td><strong>Logistics</strong></td>
</tr>
<tr>
<td>• Measurements (Height, width, dept)</td>
</tr>
<tr>
<td>• Pallet information (#layers, items per layer, # of layers)</td>
</tr>
<tr>
<td>• ...</td>
</tr>
<tr>
<td><strong>E-commerce</strong></td>
</tr>
<tr>
<td>• Length of the power cord, Wattage, color</td>
</tr>
<tr>
<td>• Type of paint, type of accu</td>
</tr>
<tr>
<td>• ...</td>
</tr>
<tr>
<td><strong>Law &amp; Regulations</strong></td>
</tr>
<tr>
<td>• Hazardous Phrases, Precautionary Phrases</td>
</tr>
<tr>
<td>• Dangerous goods class, UN number</td>
</tr>
<tr>
<td>• Ingredients &amp; nutritions <em>(nr.1169/2011)</em></td>
</tr>
<tr>
<td><strong>Images &amp; Documents</strong></td>
</tr>
<tr>
<td>• Images</td>
</tr>
<tr>
<td>• Safety data Sheets, Declaration of Performance (DOP)</td>
</tr>
<tr>
<td>• ...</td>
</tr>
</tbody>
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