Product Data (v1.1)

Introduction

Exchange of product data.

Product Data

Sample Preview

```xml
1  <?xml version="1.0" standalone="yes"?>
2  <DepotProduct xmlns="">
3       <MessageHeader>
4            <MessageIdentifier>6130c2b6-f96f-4400-829a-71f35c8ba025</MessageIdentifier>
5            <MessageTypeDescription>PRODUCT</MessageTypeDescription>
6            <MessageFunctionCode>4</MessageFunctionCode>
7            <MessageDateTime>2020-04-07T12:04:06.1254228+02:00</MessageDateTime>
8            <SenderIdentifier>123</SenderIdentifier>
9            <SenderQualifier></SenderQualifier>
10           <ReceiverIdentifier>32</ReceiverIdentifier>
11      </MessageHeader>
12      <Product>
13           <ChemicalName>Acid Oil</ChemicalName>
14           <ProductType>Chemical</ProductType>
15           <CodeCAS>1234</CodeCAS>
16           <CodeGEVI />
17           <ADRClass>1</ADRClass>
18           <SourceIdentifier>edi1</SourceIdentifier>
19           <ADRPoints>423</ADRPoints>
20           <ADRPointsMode>PERKG</ADRPointsMode>
21           <ProductSynonym>
22               <Description>Testsynonym</Description>
23           </ProductSynonym>
24           <ProductTag>
25           <Description>ODOR</Description>
26               </ProductTag>
27           <ProductUNText>
28               <CountryISO>UK</CountryISO>
29               <UNText>This is sample UN-text in a specific language</UNText>
30           </ProductUNText>
31      </Product>
32      <Product>
33           <ChemicalName>Test product 2</ChemicalName>
34           <ProductType>NonFood</ProductType>
35           <CodeCAS>12345</CodeCAS>
36           <ADRClass>1.2</ADRClass>
```

```
37              <SourceIdentifier>edi2</SourceIdentifier>
38              <VaporControl>Flare</VaporControl>
39              <Density>1</Density>
40              <Density15>1</Density15>
41              <ADRPointsMode>NOPOINTS</ADRPointsMode>
42              <ProductSynonym>
43                  <Description>Test2</Description>
44              </ProductSynonym>
45              <ProductTag>
46                  <Description>R45R46H350H340</Description>
47              </ProductTag>
48          </Product>
49  </DepotProduct>
```

Definition

Elements

Group element	Explanation
<DepotProduct>	Root element of this message.
\<MessageHeader>	Exactly ONE \<MessageHeader> element must be present.
\<Product>	At LEAST ONE \<Product> element must be present.
\<Product>\<ProductSynonym>	Zero or more \<Product>\<ProductSynonym> elements may be present.
\<Product>\<ProductTag>	A maximum of eight \<Product>\<ProductTag> elements may be present.
\<Product>\<ProductUNText>	A maximum of three \<Product>\<ProductUNText> elements may be present.

Sub-elements

\<MessageHeader>	Datatype	Requirements	Explanation
MessageIdentifier	xs:string (constrained to msdata: System.Guid)	Required	Unique message identifier (GUID)
MessageTypeDescription	xs:string	Required, Enumeration	Constrained to this code: • DATA
MessageDateTime	xs:dateTime	Required	Message date and time in XML dateTime format.
MessageFunction	xs:int	Required, Enumeration	Code indicating the function of the message: • 1 = Cancellation (archives product in Software) • 4 = Change/Update (updates existing record in Software) • 9 = Original/New (adds new record in Software) ℹ External product information suppliers should always use **Orignal/New**
SenderQualifier	xs:string	Recommended, MaxLength=64	Agreed qualifier for sender identification
SenderIdentifier	xs:string	Required, MaxLength=64	Agreed sender identification (stored in the Software field *ProductInformationSource*)
ReceiverIdentifier	xs:string	Required, MaxLength=64	Agreed receiver identification

\<Product>	Datatype	Requirements	Explanation
SourceIdentifier	xs:string	Required, Unique, MaxLength=100	Technical identifier string from sender's source system.
ChemicalName	xs:string	Required, MaxLength=300	

ProductType	xs:string	Required, Enumeration	Constrained to: • Chemical • Food • Feed • NonFood • Gaswash
CodeCAS	xs:string	Required	
CodeGEVI	xs:string	MaxLength=50	
CodeUN	xs:string	MaxLength=50	
ADRClass	xs:string	MaxLength=50	Value must exist in Software (cannot just add due to permit considerations)
Appearance	xs:string	MaxLength=150	Value must exist in Software
Odor	xs:string	MaxLength=150	Value must exist in Software
PollutionClass	xs:string	MaxLength=150	Value must exist in Software
HazardClass	xs:string	MaxLength=150	Value must exist in Software
VaporControl	xs:string	MaxLength=150	Value must exist in Software
ProductCode	xs:string	MaxLength=32	External product identifier code
VOCs	xs:double		Volatile Organic Compound
Density	xs:double		
DensityTemp	xs:double		
Density15	xs:double		Density at 15 degrees Celcius
Density50	xs:double		Density at 50 degrees Celcius
MaxCleansPerHour	xs:int		
IsBulk	xs:boolean		• True = Bulk • False = Liquid
CodeEINECS	xs:string	MaxLength=50	EC code
MoleculeMass	xs:double		
ChemicalFormula	xs:string	MaxLength=300	
MSDSWebLink	xs:string	MaxLength=255	
BoilingPointC	xs:double		In Celcius
MeltingPointC	xs:double		In Celcius
FillingTempC	xs:double		In Celcius
DischargeTempC	xs:double		In Celcius
MaxTempC	xs:double		In Celcius
FlashPointC	xs:double		In Celcius
MaxContactTempC	xs:double		In Celcius
LELPercentage	xs:double		
UELPercentage	xs:double		
PackingGroup	xs:string	MaxLength=200	Value must exist in Software
Family	xs:string	MaxLength=200	Value must exist in Software
Viscosity	xs:string	MaxLength=200	
ViscosityTemperature	xs:double		In Celcius
ApplyArea	xs:string		
CodeCN	xs:string	MaxLength=32	
VaporPressure	xs:string	MaxLength=32	
VaporPressureTempC	xs:double		In Celcius
CodeHS	xs:string	MaxLength=32	
MSDSDate	xs:dateTime		
ADRPoints	xs:int		

ADRPointsMode	xs:string	Enumeration	Constrained to: • NOPOINTS • PERKG • PERLITER

\<Product><ProductSynonym>	Datatype	Requirements	Explanation
Description	xs:string	Required, maxLength=500	Synonym or tradename. Each synonym may only be used once for the same product.

\<Product>\<ProductTag>	Datatype	Requirements	Explanation
Description	xs:string	Required, Enumeration	Constrained to: • ANORGANICCOMPOUND • CMR • FOAM • HEAVYMETAL • ODOR • R45R46H350H340 • SOLID • VOC Each ProductTag value may only be used once for the same product.

\<Product>\<ProductUNText>	Datatype	Requirements	Explanation
CountryISO	xs:string	Required, Enumeration	ISO code identifying the locale of the content of the UNText element. Constrained to: • DE • NL • UK Each ISO code may only be used once for the same product.
UNText	xs:string	Required, MaxLength=256	