

Product Data (v1.2)

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Introduction

Exchange of product data.

Product Data

Sample Preview

```
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         <ADRPpoints>423</ADRPpoints>
20         <ADRPpointsMode>PERKG</ADRPpointsMode>
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 1 = Cancellation (archives product in Software) 4 = Change/Update (updates existing record in Software) 9 = Original/New (adds new record in Software) <div> <i>External product information suppliers should always use Original/New</i> </div>
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 <i>ProductInformationSource</i>)
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: <ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> • NOPOINTS • PERKG • PERLITER
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\<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: <ul style="list-style-type: none"> • 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
Country/ISO	xs:string	Required, Enumeration	ISO code identifying the locale of the content of the UNText element. Constrained to: <ul style="list-style-type: none"> • DE • NL • UK Each ISO code may only be used once for the same product.
UNText	xs:string	Required, MaxLength=256	