

**Pelikan Vertriebsgesellschaft mbH & Co. KG**  
**30102 Hannover**

Created: 16.04.2012, Revision 16.04.2012

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## SECTION 1: Identification of the substance / preparation and of the company

### 1.1 Product identifier

**Pelikan 1210 replaces HP CB435A in HP P1005**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1 Relevant uses

Toner

#### 1.2.2 Uses advised against

None known.

### 1.3 Details of the supplier of the safety data sheet

#### Company

Pelikan Vertriebsgesellschaft mbH & Co. KG

Postfach 11 07 55  
30102 Hannover / GERMANY  
Phone +49(0)511-6969-0

#### Address enquiries to

#### Technical information

#### Safety Data Sheet

sdb@chemiebuero.de

### 1.4 Emergency phone

#### Company

+49(0)511-6969-0 Mo-Fr 8:00-17:00

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

not applicable

#### 2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

#### Hazard symbols

none

#### R-phrases

none

The product does not require a hazard warning label in accordance with EC-directives.

### 2.2 Label elements

#### Labelling according to Regulation 67/548/EEC or 1999/45/EC

#### Hazard symbols

none

#### R-phrases

none

### 2.3 Other hazards

#### Physico-chemical hazards

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air (only in circumstances of an uncontrolled release of dust from the product).

#### Human health dangers

No particular hazards known.

#### Environmental hazards

Does not contain any PBT or vPvB substances.

#### Other hazards

Further hazards were not determined with the current level of knowledge.

## SECTION 3: Composition / Information on ingredients

### 3.1 Product-type:

The product in question is a mixture.

#### Comment on component parts

No dangerous components.  
Pre-registered according REACH legislation.  
Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.

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#### **SECTION 4: First aid measures**

##### **4.1 Description of first aid measures**

<b>General information</b>	Change soaked clothing.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact</b>	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.
<b>Ingestion</b>	In the event of symptoms seek for medical treatment. Rinse out mouth and give plenty of water to drink.

##### **4.2 Most important symptoms and effects, both acute and delayed**

None known.

##### **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

#### **SECTION 5: Fire-fighting measures**

##### **5.1 Extinguishing media**

<b>Suitable extinguishing media</b>	Foam. Carbon dioxide. Dry powder. Water spray jet.
<b>Extinguishing media that must not be used</b>	Full water jet

##### **5.2 Special hazards arising from the substance or mixture**

Unknown risk of formation of toxic pyrolysis products.

##### **5.3 Advice for firefighters**

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

#### **SECTION 6: Accidental release measures**

##### **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.  
Avoid dust formation.

##### **6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

##### **6.3 Methods and material for containment and cleaning up**

Take up mechanically.  
Avoid raising dust.  
Dispose of absorbed material in accordance with the regulations.

##### **6.4 Reference to other sections**

See section 8+13

#### **SECTION 7: Handling and storage**

##### **7.1 Precautions for safe handling**

Provide vacuuming if dust raised.  
Avoid the formation and deposition of dust.  
Dust can form an explosive mixture with air (only in circumstances of an uncontrolled release of dust from the product)  
Keep away from all sources of ignition.

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## 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.  
Do not store together with oxidizing agents.  
Store in a dry place.  
Protect from heat/overheating.

## 7.3 Specific end use(s)

See product use, section 1.2

# SECTION 8: Exposure controls / personal protection

## 8.1 Control parameters

Ingredients with occupational  
exposure limits to be monitored (GB)

not applicable

## 8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Safety glasses.
Hand protection	butyl rubber, > 120 min (EN 374) The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	not applicable
Other	Avoid contact with eyes and skin. Do not inhale dust. Wash hands before breaks and after work. Use barrier skin cream.
Respiratory protection	Breathing apparatus in the event of high concentrations. short term: filter apparatus, filter P1
Thermal hazards	not applicable
Delimitation and monitoring of the environmental exposition	See section 6+7.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form	powder
Color	black
Odor	characteristic
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability [°C]	not determined
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	1-1,5
Bulk density [kg/m³]	not determined
Solubility in water	virtually insoluble
Partition coefficient [n-octanol/water]	not determined
Viscosity	not applicable
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	100-150
Autoignition temperature [°C]	not determined
Decomposition temperature	not determined

### 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

The product is stable under standard conditions.

### 10.3 Possibility of hazardous reactions

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air (only in circumstances of an uncontrolled release of dust from the product).

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

See section 7.2.

### 10.5 Incompatible materials

not determined

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

<b>Serious eye damage/irritation</b>	not determined
<b>Skin corrosion/irritation</b>	not determined
<b>Respiratory or skin sensitisation</b>	not determined
<b>Specific target organ toxicity — single exposure</b>	not determined
<b>Specific target organ toxicity — repeated exposure</b>	not determined
<b>Mutagenicity</b>	Ames-test: negative.
<b>Reproduction toxicity</b>	not determined
<b>Carcinogenicity</b>	not determined
<b>General remarks</b>	

No classification on the basis of the calculation procedure of the preparation directive.  
Toxicological data of complete product are not available.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

### **12.2 Persistence and degradability**

<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	not determined
<b>Biological degradability</b>	not determined

### **12.3 Bioaccumulative potential**

not determined

### **12.4 Mobility in soil**

not determined

### **12.5 Results of PBT and vPvB assessment**

Based on all available information not to be classified as PBT or vPvB respectively.

### **12.6 Other adverse effects**

None known.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

#### **Product**

Coordinate disposal with the authorities if necessary.  
For recycling, consult manufacturer.

**Waste no. (recommended)** 080318

#### **Contaminated packaging**

Uncontaminated packaging may be taken for recycling.

**Waste no. (recommended)** 150102

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## **SECTION 14: Transport information**

### **14.1 UN number**

See section 14.2 in accordance with UN shipping name

### **14.2 UN proper shipping name**

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

### **14.3 Transport hazard class(es)**

See section 14.2 in accordance with UN shipping name

### **14.4 Packing group**

See section 14.2 in accordance with UN shipping name

### **14.5 Environmental hazards**

See section 14.2 in accordance with UN shipping name

### **14.6 Special precautions for user**

Relevant information under section 6 to 8.

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EEC-REGULATIONS 1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

TRANSPORT-REGULATIONS DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2012).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits with amendments October 2007.  
CHIP 3/ CHIP 4

### **15.2 Chemical safety assessment**

not applicable

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## SECTION 16: Other informations

### 16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified Chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCID = International Uniform Chemical Information Database  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
TLV®/TWA = Threshold limit value – time-weighted average  
TLV®STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

### 16.2 Other informations

Observe employment restrictions for people no

VOC (1999/13/CE) 0 %

Customs Tariff not determined

Modified position Section 2 been added: Accumulation of fine dust may entail the risk of a dust explosion in the presence of air (only in circumstances of an uncontrolled release of dust from the product).

Section 12 been added: Based on all available information not to be classified as PBT or vPvB respectively.

Section 15 been added: TRGS 510: Lagerung von Gefahrstoffen in ortsbeweglichen Behältern

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