



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS



Reference / Product name: 209045  
Version/Revision: 17/06/2011  
Printing date: 17/06/2011

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**Voluntary product information based on the format of a safety data sheet  
for organic bonded abrasives**

**1. Identification of the product and of the company/undertaking**

**1.1 Product identifier**

Cut-off wheels / Klasse 14

VELLE 0211180150 180X1,5X22,23

**1.2 Use of the product**

Organic bonded abrasives for grinding / cutting of different materials

**1.3 Details of the supplier of the voluntary product information:**

Company: Velle Kimyasal Ürünler Nalburiye Demir  
Hırdavat San. Tic. Ltd. Şti

Address: Evliya Çelebi Mah. İstasyon Cad. Deniz Sok. No:2  
TR-34944 Tuzla-İstanbul

Phone: +90-216-701 24 01 Fax: +90-216-701 24 02

E-mail: <http://www.velle.com.tr/tr>

National contact:

**1.4 Emergency telephone number:**

112

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**2. Hazards identification**

**2.1. Classification**

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

**2.2. Label elements**

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

**2.3. Other hazards**

Not known.

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### 3. Composition/information on ingredients

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to Directive 67/548/EWC
					Hazard classes/ hazard categories	Hazard statements	
KRYOLITH	237-410-6	15096-52-3		9 - 14 %	STOT wdh. 1 Akut. Tox. 4 Akut. Tox. 4 Aqu. chron. 2	H372 H332 H302 H411	T; R48/23/25 Xn; R20/22 N; R51/53
KALIUMFLUOROALUMINAT	262-153-1	60304-36-1	01-2119513404-51	5 - 9 %	Lact. Akut. Tox. 4 STOT. RE. 1 Eye Irrit. 2 Aqu. chron. 3	H362 H332 H372 H319 H412	Xn;R20 Xi;R36 T;R48/23 R52/53 R64

(For full text of H- and R-phrases see section 16)

### 4. First aid measures

See also section 8 and 16

#### 4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product

Eye contact: Not possible, due to the form of the product

Skin contact: No harmful effects known

Ingestion: Not likely, due to the form of the product; if necessary contact physician

Note to physician: Not available.

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

Not known.

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

Not relevant. Treat symptomatically.

## 5. Fire fighting measures

### 5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials

### 5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

### 5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

## 6. Accidental release measures

Not applicable.

## 7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

*Occupational exposure limit values and/or biological limit values*

Keep exposure to the following components under surveillance.  
(Observe also the regional official regulations)

Limit value type (country of origin)	substance	EC-N°	CAS-N°	Occupational limit value				Peak limit	source, remark
				Long term		Short term			
				mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)		
(D)	KRYOLITH	237-410-6	15096-52-3	1,00				4,00	TRGS900
(D)	KALIUMFLUOROALUMINAT	262-153-1	60304-36-1	1,00				4,00	TRGS900

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

## 8.2. Exposure controls

- 8.2.1. Individual protection measures
  - 8.2.1.1. Respiratory protection: Use respiratory protective equipment  
(type depends on specific application and material being ground)
  - 8.2.1.2. Hand protection: Wear protective gloves  
(type depends on specific application and material being ground)
  - 8.2.1.3. Eye protection: Wear protective goggles or face shield  
(type depends on specific application and material being ground)
  - 8.2.1.4. Hearing protection: Use hearing protection  
(type depends on specific application and material being ground)
  - 8.2.1.5. Body protection: Use protective clothing  
(type depends on specific application and material being ground)

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- 9.1 Physical state: solid
- 9.2 Colour: depending of product type
- 9.3 Solubility in water: not indicated.

### 9.2. Other information

None.

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## 10. Stability and reactivity

### 10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

### 10.2. Chemical stability

No decomposition in normal use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.



### 10.5. Incompatible materials

No dangerous reactions known.

### 10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.  
See also section 8.

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## 12. Ecological information

### 12.1. Toxicity

No effects known.

### 12.2. Persistence and degradability

No biodegradable potentials known.

### 12.3. Bioaccumulative potential

No potentials known.

### 12.4. Mobility in soil

No potentials known.

### 12.5. Results of PBT and vPvB assessment

Not relevant.

### 12.6. Other adverse effects

No effects known.

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## 13. Disposal considerations

### 13.1. Waste treatment methods

#### 13.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121),

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

#### 13.2. Packing

Follow national and regional regulations.

## 14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.

## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

### 15.2. Chemical safety assessment

Not relevant.

## 16. Other information

### Changes to the previous versions

See sections 1 to 16.

### Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N° 1907/2006.  
Directive (67/548/EWG), amended by Directive 2009/2/EC.  
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.  
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.  
Directive 2000/39/EG, amended by Directive 2009/161/EC  
Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009.  
Transport regulations according to ADR, RID und IATA.

### Hazard statements referred to in section 2 and 3

#### According to Regulation (EC) N° 1272/2008:

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H362 May cause harm to breast-fed children.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

#### According to Directive 67/548/EWC:

R20 harmful on inhalation.  
R22 harmful if swallowed.  
R23 toxic on inhalation.  
R25 toxic if swallowed.  
R36 irritating to eyes.  
R48 danger of serious damage to health by prolonged exposure.  
R51 toxic to aquatic organisms.  
R52 harmful to aquatic organisms.  
R53 may cause long-term adverse effects in aquatic environment.



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The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: .

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