

**SAFETY DATA SHEET**  
Safety Data Sheet according to European Law

Product name: Wheel Cleaner Acid Free  
Product code: 1220

Date: 16-12-2002

### 1. COMPANY AND PRODUCT IDENTIFICATION

Product brandname: **Wheel Cleaner Acid Free**  
Product code: **1220**  
Manufacturer and supplier: **CARTEC B.V.**  
Address: **Verbreepark 13  
2731 BR Benthuisen  
The Netherlands**  
Phone: **(+31) (0)79-3410100**  
Phone in case of emergency: **(+31) (0)79-3410100**

### 2. COMPOSITION AND INFORMATION REGARDING INGREDIENTS

Product description:	Composition based on alkaline and surface-active materials.			
<u>Chemical family</u>	<u>%</u>	<u>CAS-no.</u>	<u>Danger-symbol</u>	<u>R-phrases</u>
Surfactants	0-5		Xi	36/38
Sodium hydroxide		5-20	C	35
Trisodium nitriloacetic acid	0-5		Xn	22-36

### 3. HAZARDS IDENTIFICATION

People health hazards: The liquid solution is a strong alkaline product. It's a corrosive product. Can cause burns in case of long-lasting skin contact.

Safety hazards: Product is etching. Having a strong reaction with acid.

Environment hazards: Read section 12

### 4. FIRST AID MEASURES

Inhalation: Seek fresh air. Seek medical advice when complaints hold.

Skin contact: Put off polluted clothes immediately and rinse off with lots of water. Get medical advice.

Eye contact: Rinse off with water thoroughly (about 15 minutes) and seek medical advice .

Swallowing: Spool mouth with water. Do not induce vomiting, Get medical advice immediately.

### 5. FIRE-FIGHTING MEASURES

Special statements: This material is not flammable.

Fire-fighting means: -

Protective measures: -

### 6. ACCIDENTAL RELEASE MEASURES

Personal preventive measures: Protective clothes, face-mask and PVC gloves.

Personal protection: Take off polluted clothes.

Environment-friendly preventive measures: Prevent product from reaching sewage, wells and watercourses in large quantities.

Clear and cleaning measures: Take up with the use of absorbing materials ( sand, universal binder sawdust ) and dispose in accordance with regulations. Take care off a good ventilation.

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## 7. HANDLING AND STORAGE

Handling: Do not eat, drink or smoke while using. Avoid spilling skin and eye contact.  
Storage: Store the product in original packaging.  
Storage temperature: Environs temperatures.  
Suggested materials: PE.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Preventive regulations: Well-ventilated surrounding.  
Exposure limit: Not applicable.  
Protection of breathing:  
Protection of the hands: Wear splash proof eye goggles.  
Protection of the eyes: Safety spectacle suggested  
Protection of skin: Safety clothes for protection against chemicals

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Viscose Liquid  
Colour: Yellow/ Brown  
Smell: Characteristic  
Boiling-point: > 100°C  
Vapour pressure: 20°C -  
Density: 20°C -  
Viscosity: 20°C -  
Electrical conduction: -  
Flammable point: Not applicable  
PH-value: 14  
Explosion danger (highest): Not applicable  
Explosion danger (lowest): Not applicable  
Auto-ignition temperature: Not applicable  
Solubility (water): Completely solvable  
Solubility (others): Not applicable

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous materials/circumstances: Temperatures more than 100°C and freezing.  
Hazardous decomposition products: Strong acids. Have a reaction with some kind of metals.  
Unsuitable materials: In case of heating there is a possibility of corrosive vapor / gas

## 11. TOXICOLOGICAL INFORMATION

Basis judgement: --  
Acute poisoning-oral: In case of long-lasting exposure throat-sore, cough, short-breathing, biting, possible affection of breathing.  
Eye-irritation: Redness, burns, biting.  
Skin-irritation: Redness, burns, biting and a worse sight.  
In case of swallowing: Throat-sores, vomiting, stomach-ache, biting and diarrhea.

## 12. ECOLOGICAL INFORMATION

Ecological data: The surface-active materials are biologic degradable according to Economic European Community rules.  
Biologic / Environmental degradability: Not applicable

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### 13. DISPOSAL CONSIDERATIONS

Disposal should be according to national rules and not in sewage, wells and watercourses.

### 14. TRANSPORT INFORMATION

UN number:		1824
		<u>EMS no. Marine Pollutant MFAG no.</u>
Sea (IMDG):	--	--
		<u>ICAO/IATA class</u>
Air:		--
		<u>ADR/RID</u>
Road:		8.C5.II
ADR/RID transport-name:		Sodium hydroxide solution 5-20 %

### 15. REGULATORY INFORMATION

EEC classification:	Corrosive
EEC number:	--
Risk-phrases:	22,35,36/38
Safety-phrases:	2, 24/25, 36/37/39, 45

### 16. OTHER INFORMATION

History SDS:	First edition.
Revision summary SDS:	Not applicable

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This Safety Data Sheet provides health and environmental information regarding the product mentioned above. These data do not provide technical information regarding our product. The information was provided to the best of CARTEC's knowledge and are believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information as for his own particular use.