



## SAFETY DATA SHEET WONDER WHEELS WHEEL CLEANER

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME WONDER WHEELS WHEEL CLEANER  
PRODUCT NO. IWW500, NWK500, NWT500, SFD105, WWC005, WWK100, WWK102, WWK500, WWK504, WWK555, WWT500, WWT501, AFW505  
INTERNAL ID SP-NC  
APPLICATION Cleaning agent.  
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### 2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION (1999/45) Xi;R36/38.

HUMAN HEALTH

See section 11 for additional information on health hazards.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
ALCOHOL ETHOXYLATE WITH 7 MEO		68131-39-5	1-5%	Xn;R22. Xi;R41. N;R50.
BUTANOL-norm	200-751-6	71-36-3	<0.1%	R10 Xn;R22 Xi;R37/38,R41 R67
FORMALDEHYDE ...%	200-001-8	50-00-0	<0.1%	Carc. Cat. 3;R40 T;R23/24/25 C;R34 R43
HYDROCHLORIC ACID ...%	231-595-7	7647-01-0	1-5%	C;R34 Xi;R37
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	<1%	C;R34
PROPARGYL ALCOHOL	203-471-2	107-19-7	<0.1%	R10 T;R23/24/25 C;R34 N;R51/53

The Full Text for all R-Phrases is Displayed in Section 16

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### 4 FIRST-AID MEASURES

GENERAL INFORMATION

Get medical attention if any discomfort continues. General first aid, rest, warmth and fresh air. NOTE! Effects may be delayed. Keep affected person under observation. Remove affected person from source of contamination.

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### NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

#### INHALATION

In case of inhalation of spray mist: Move person into fresh air and keep at rest.

#### INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (100-150 ml for an adult person): Take to hospital along with these instructions.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use: Foam, carbon dioxide or dry powder. Water. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

### SPECIFIC HAZARDS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### PROTECTIVE MEASURES IN FIRE

Leave danger zone immediately.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces. Avoid contact with skin and eyes.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into water courses or onto the ground.

### SPILL CLEAN UP METHODS

No specific clean-up procedure noted.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid eating, drinking and smoking when using the product. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment.

### STORAGE PRECAUTIONS

Keep upright. Store in tightly closed original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### WONDER WHEELS WHEEL CLEANER

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m3(Sk)	
FORMALDEHYDE ...%	WEL	2 ppm	2.5 mg/m3	2 ppm	2.5 mg/m3	
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	
PROPARGYL ALCOHOL	WEL	1 ppm(Sk)	2.3 mg/m3(Sk)	3 ppm(Sk)	7 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

#### PROTECTIVE EQUIPMENT



#### PROCESS CONDITIONS

Provide eyewash, quick drench.

#### ENGINEERING MEASURES

Weighing/dispensing only in well ventilated area.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

#### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

#### HYGIENE MEASURES

Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Wash hands after contact. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. Wash contaminated clothing before reuse.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid.
COLOUR	Colourless. to Light (or pale). Amber.
ODOUR	Slight odour. Characteristic.
SOLUBILITY	Soluble in water.
BOILING POINT (°C)	~100°C
RELATIVE DENSITY	1.032g/cm³ 20°C
pH-VALUE, CONC.	2.5
SOLUTION	
VISCOSITY	<50 cps 20 - 40°C
FLASH POINT (°C)	>100°C

### 10 STABILITY AND REACTIVITY

#### STABILITY

No particular stability concerns.

#### CONDITIONS TO AVOID

No specific conditions are likely to result in a hazardous situation.

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### MATERIALS TO AVOID

Alkali metals. Powdered metal.

### HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

### HEALTH WARNINGS

This product has low toxicity. Only large volumes may have adverse impact on human health. This chemical may cause skin/eye irritation.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### BIOACCUMULATION

No data available on bioaccumulation.

### DEGRADABILITY

There are no data on the degradability of this product.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Confirm disposal procedures with environmental engineer and local regulations.

## 14 TRANSPORT INFORMATION

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

### ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

No.

## 15 REGULATORY INFORMATION

### LABELLING



Irritant

### RISK PHRASES

R36/38

Irritating to eyes and skin.

### SAFETY PHRASES

S2

Keep out of the reach of children.

S23

Do not breathe vapour/spray.

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S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S64	If swallowed, rinse mouth with water (only if the person is conscious).

Detergent Labelling:

< 5% non-ionic surfactants

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### 16 OTHER INFORMATION

GENERAL INFORMATION

Only trained personnel should use this material.

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 13/07/2012

REV. NO./REPL. SDS 15

GENERATED

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R34	Causes burns.
R10	Flammable
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R50	Very toxic to aquatic organisms.

## WONDER WHEELS WHEEL CLEANER

### DISCLAIMER

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.