

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Americol Wheel Clean Acid  
**Revision date :** 19-10-2020  
**Print date :** 23-12-2020

**Version (Revision) :** 4.0.0 (3.0.0)

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

Americol Wheel Clean Acid

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

#### Relevant identified uses

PC 35 - Washing and cleaning products

#### Sectors of use [SU]

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

#### Process categories [PROC]

PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC 11 - Non industrial spraying

PROC 19 - Manual activities involving hand contact

#### Environmental release categories [ERC]

ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

#### Uses advised against

This product should not be used for purposes other than the applications referred to above.

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Americol BV

**Street :** Sluispolderweg 33

**Postal code/city :** 1505 HJ Zaandam

**Telephone :** +31 (0)75-631 32 44

**Information contact :** Dept. Safety, Health and Environment

**Website :** www.americol.nl

**E-mail (competent person) :** info@americol.nl

### 1.4 Emergency telephone number

National Poisons Information Service (NPIS) Email: [director.birmingham.unit@npis.org](mailto:director.birmingham.unit@npis.org) Website: <http://www.npis.org/>

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms



Corrosion (GHS05)

##### Signal word

Danger

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## Hazard components for labelling

PHOSPHORIC ACID 22 % ; CAS No. : 7664-38-2  
1,1-DIPHOSPHONIC ACID ; CAS No. : 2809-21-4

## Hazard statements

H314 Causes severe skin burns and eye damage.

## Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POISON CENTER/doctor/....  
P321 Specific treatment (see ... on this label).  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P405 Store locked up.

## Remark

The product is classified and labelled according to EC directives or corresponding national laws.

## 2.3 Other hazards

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

## 2.4 Additional information

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

PHOSPHORIC ACID ; REACH No. : 01-2119485924-24 ; EC No. : 231-633-2; CAS No. : 7664-38-2  
Weight fraction :  $\geq 10 - < 25$  %  
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318  
ALCOHOLS, C9-11, ETHOXYLATE > 2,5 EO ; REACH No. : POLYMER ; CAS No. : 68439-46-3  
Weight fraction :  $< 2,5$  %  
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319  
1,1-DIPHOSPHONIC ACID ; REACH No. : 01-2119510391-53 ; EC No. : 220-552-8; CAS No. : 2809-21-4  
Weight fraction :  $\geq 1 - < 2,5$  %  
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

#### Additional information

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### Following inhalation

No special measures are necessary.

#### In case of skin contact

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Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

## After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

## After ingestion

Call a physician in any case! Do NOT induce vomiting. If major quantity of dust is swallowed or inhaled, immediately drink: Water

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

The following symptoms may occur: No known symptoms to date.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water mist Foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

Full water jet

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

#### Hazardous combustion products

Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

### 5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

##### Emergency procedures

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

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

#### For containment

Collect in closed and suitable containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

Suitable material for taking up: Sand Absorbing material, organic

### 6.4 Reference to other sections

See protective measures under point 7 and 8.

## SECTION 7: Handling and storage

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## 7.1 Precautions for safe handling

None

## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Keep/Store only in original container. Suitable container/equipment material: Stainless steel Polyethylene (PE)

## 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

PHOSPHORIC ACID ; CAS No. : 7664-38-2

Limit value type (country of origin) : STEL ( EC )

Limit value : 2 mg/m<sup>3</sup>

Version : 20-06-2019

Limit value type (country of origin) : TWA ( EC )

Limit value : 1 mg/m<sup>3</sup>

Version : 20-06-2019

Limit value type (country of origin) : Exposure Limit (8h) ( NL )

Limit value : 1 mg/m<sup>3</sup>

Version : 01-01-2007

Limit value type (country of origin) : Exposure Limit (15min) ( NL )

Limit value : 2 mg/m<sup>3</sup>

Version : 01-01-2007

### 8.2 Exposure controls

#### Personal protection equipment

##### Skin protection

Hand protection Suitable gloves type EN ISO 374 Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) Required properties liquid-tight. Breakthrough time (maximum wearing time) Permeation time (maximum wear time) Thickness of the glove material Nitril: 0,12 mm Butyl: 0,50 mm Skin and body protection: normal working clothes.

##### General information

Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

##### Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Colour : light brown

Odour : characteristic

#### Safety characteristics

Physical state :

Liquid

Melting point/freezing point :

not applicable

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Initial boiling point and boiling range :	( 1013 hPa )	>	100	°C
Decomposition temperature :			No data available	
Freezing point :			No data available	
Flash point :			not applicable	
Auto-ignition temperature :			No data available	
Lower explosion limit :				Vol-%
Upper explosion limit :				Vol-%
Vapour Pressure :	( 20 °C )		No data available	
Evaporation rate (n-butylacetate = 1) :			No data available	
Density :	( 20 °C )	approx.	1,13	g/cm <sup>3</sup>
Water solubility :	( 20 °C )		100	Wt %
pH :			2	
Partition coefficient (n-octanol/water) :		<	3	
Viscosity :	( 20 °C )	<	10	mPa*s
Vapour density (air = 1) :	( 101 kPa )		No data available	
Valt onder Detergentia Verordening (EG) Nr. 648/2004 J/N				yes

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

not applicable

### 10.2 Chemical stability

Stable under normal conditions of use

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Strong oxidizers

### 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Acute oral toxicity

Parameter : LD50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 1530 mg/kg

##### Acute dermal toxicity

Parameter : LD50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )  
Exposure route : Dermal  
Species : Rabbit

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Effective dose : 2740 mg/kg

### Corrosion

#### Skin corrosion/irritation

Not an irritant.

#### Serious eye damage/eye irritation

Not an irritant.

#### Irritation to respiratory tract

No data available

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

#### Carcinogenicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

#### Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

#### Reproductive toxicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

### STOT-single exposure

not applicable

## SECTION 12: Ecological information

### 12.1 Toxicity

harmless to aquatic organisms up to the tested concentration

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Other adverse effects

None

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Delivery to an approved waste disposal company. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### 14.1 UN number

UN 3264

### 14.2 UN proper shipping name

#### Land transport (ADR/RID)

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. ( PHOSPHORIC ACID · 1,1-DIPHOSPHONIC ACID )

#### Sea transport (IMDG)

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. ( PHOSPHORIC ACID · 1,1-DIPHOSPHONIC ACID )

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## Air transport (ICAO-TI / IATA-DGR)

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. ( PHOSPHORIC ACID · 1,1-DIPHOSPHONIC ACID )

### 14.3 Transport hazard class(es)

#### Land transport (ADR/RID)

Class(es) : 8  
Classification code : C1  
Hazard identification number (Kemler No.) : 80  
Tunnel restriction code : E  
Special provisions : LQ 5 I · E 1  
Hazard label(s) :



8

#### Sea transport (IMDG)

Class(es) : 8  
EmS-No. : F-A / S-B  
Special provisions : LQ 5 I · E 1 · IMDG-Code segregation group 1 - Acids  
Hazard label(s) :



8

#### Air transport (ICAO-TI / IATA-DGR)

Class(es) : 8  
Special provisions : E 1  
Hazard label(s) :



8

### 14.4 Packing group

III

### 14.5 Environmental hazards

Land transport (ADR/RID) : No  
Sea transport (IMDG) : No  
Air transport (ICAO-TI / IATA-DGR) : No

### 14.6 Special precautions for user

None

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

## SECTION 15: Regulatory information

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

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

#### EU legislation

##### Authorisations and/or restrictions on use

##### Restrictions on use

Use restriction according to REACH annex XVII, no. : 3

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### Other regulations (EU)

#### Labelling for contents according to regulation (EC) No. 648/2004

non-ionic surfactants	< 5 %
phosphonates	< 5 %
cationic surfactants	< 5 %

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

01. Sectors of use [SU] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 14. UN proper shipping name - Land transport (ADR/RID) · 14. UN proper shipping name - Sea transport (IMDG) · 14. UN proper shipping name - Air transport (ICAO-TI / IATA-DGR) · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14. Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR) · 15. Restrictions on use

### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
ASTM = American Society of Testing and Materials (US)  
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)  
DNEL = Derived No-Effect Level  
DT50 = Time for 50% loss; half-life  
EbC50 = Median effective concentration (biomass, e.g. of algae)  
EC50 = Median effective concentration  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)  
ErC50 = Median effective concentration (growth rate, e.g. of algae)  
EWC = European Waste Catalogue  
IATA = International Air Transport Association  
IC50 = Concentration that produces 50% inhibition  
IMDG = International Maritime Dangerous Goods Code  
IMO = International Maritime Organization  
LC50 = Concentration required to kill 50% of test organisms  
LD50 = Dose required to kill 50% of test organisms  
LEL = Lower Explosive Limit/Lower Explosion Limit  
LOAEL = Lowest observed adverse effect level  
MRL = Maximum Residue Limit  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
OEL = Occupational Exposure Limits  
PBT = Persistent, Bioaccumulative or Toxic  
PNEC = Previsible Non Effect Concentration  
STEL = Short-Term Exposure Limit  
TWA = Time-Weighted Average  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Indeling van de stof of het mengsel: classificatie conform Verordening (EG) Nr. 1272/2008 [CLP] door middel van calculatiemethode via software.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H290 May be corrosive to metals.



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H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

## 16.6 Training advice

None

## 16.7 Additional information

**Article No.:** 918

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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