



# Rinse Aid

## SafetyDataSheet

according to Regulation (EC)No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issuedate: 20/05/2016 Revision date: 19/08/2021 Supersedes version of: 06/07/2020 Version: 13.1

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

### 1.1. Product identifier

Product form : Mixture  
Product name : Rinse Aid  
UFI : 9G1P-H0DC-A008-Q1U3  
Product code : 76/00

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Cleaning Product

#### 1.2.2. Uses advised against

Restrictions on use : Anything other than intended use as listed on the label.

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

**Supplier**  
Licensed Trade Supplies  
13 Dakota Business Park  
14 Downley Road  
Havant  
Hampshire  
PO9 2NJ  
Tel: 02392 499 070  
Email: info@licensedtrade.net

**Supplier**

### 1.4. Emergency telephone number

Emergency number : +44 (0) 161 343 3830  
Monday - Friday (08:00 - 16:30)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 1 H314

Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Contains

: Phosphoric acid

Hazard statements (CLP)

:H314 - Causes severe skin burns and eye damage.

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### Precautionary statements (CLP)

:P280 - Wear eye protection.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
isopropanol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25	≥ 10 – < 30	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Phosphoric acid	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24 (CAS-No.) 5949-29-1	≥ 1 – < 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
Citric Acid	(EC-No.) 201-069-1 (REACH-no) 01-2119457026-42	≥ 1 – < 10	Eye Irrit. 2, H319

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Phosphoric acid	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	( 10 ≤ C < 25) Skin Irrit. 2, H315 ( 10 ≤ C < 25) Eye Irrit. 2, H319 ( 25 ≤ C ≤ 100) Skin Corr. 1B, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general :Call a physician immediately.  
First-aid measures after inhalation :Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact :Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  
First-aid measures after eye contact :Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  
First-aid measures after ingestion :Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact : Burns.  
Symptoms/effects after eye contact :Serious damage to eyes.  
Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.  
Incompatible products : Oxidizing agent. Strong bases. Strong acids.  
Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Phosphoric acid (7664-38-2)

###### EU - Occupational Exposure Limits

Local name	Orthophosphoric acid 1 mg/m <sup>3</sup> 2 mg/m <sup>3</sup>
IOELV TWA (mg/m <sup>3</sup> )	COMMISSION DIRECTIVE 2000/39/EC
IOELV STEL (mg/m <sup>3</sup> )	
Regulatory reference	

###### Ireland - Occupational Exposure Limits

Local name	Orthophosphoric acid [Phosphoric acid] 1 mg/m <sup>3</sup> 2
OEL (8 hours ref) (mg/m <sup>3</sup> )	mg/m <sup>3</sup> IOELV (Indicative Occupational Exposure Limit
OEL (15 min ref) (mg/m <sup>3</sup> )	Values) Chemical Agents Code of Practice 2020
Notes (IE)	
Regulatory reference	

###### United Kingdom - Occupational Exposure Limits

Local name	
WEL TWA (mg/m <sup>3</sup> )	Orthophosphoric acid 1 mg/m <sup>3</sup> 2 mg/m <sup>3</sup>
WEL STEL (mg/m <sup>3</sup> )	EH40/2005 (Fourth edition, 2020). HSE
Regulatory reference	

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the workstation.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses. Use eye protection according to EN 166.

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Not required under normal conditions of use.

##### Personal protective equipment symbol(s):



##### Environmental exposure controls:

Avoid release to the environment.

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### Other information:

PPE should be worn to prevent any contact with the chemical.  
Any contaminated clothing should be washed prior to re-use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Blue.
Odour	: Isopropanol.
Odour threshold	: No data available
pH	: < 2 No data
Relative evaporation rate (butylacetate=1)	: available Not
Melting point	: applicable No
Freezing point	: data available No
Boiling point	: data available >
Flash point	: 60 °C No data
Auto-ignition temperature	: available No data
Decomposition temperature	: available Not
Flammability (solid, gas)	: applicable No
Vapour pressure	: data available No
Relative vapour density at 20 °C	: data available No
Relative density	: data available 1 –
Density	: 1.02 No data
Solubility	: available No data
Partition coefficient n-octanol/water (Log Pow)	: available No data
Viscosity, kinematic	: available No data
Viscosity, dynamic	: available No data
Explosive properties	: available No data
Oxidising properties	: available No data
Explosive limits	: available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Phosphoric acid (7664-38-2)

LD50 oral rat	769.23 mg/kg
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#### isopropanol (67-63-0)

LD50 oral rat	5840 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
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Skin corrosion/irritation	: Causes severe skin burns. pH: < 2
Serious eye damage/irritation	: Causes serious eye damage. pH: < 2 Not
Respiratory or skin sensitisation	: classified Not
Germ cell mutagenicity	: classified Not
Carcinogenicity	: classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

#### Phosphoric acid (7664-38-2)

NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
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Aspiration hazard	: Not classified
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### Phosphoric acid (7664-38-2)

EC50 Daphnia 1	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

#### isopropanol (67-63-0)

LC50 fish 1 LC50 fish 2	10000 mg/l Test organisms (species): Pimephales promelas
	9640 mg/l Test organisms (species): Pimephales promelas

#### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Wash packaging with a suitable cleaner (water) before recycling. Otherwise dispose of as contaminated packaging. Always dispose of packaging in accordance with local regulations.  
European List of Waste (LoW) code : 20 01 29\* - detergents containing dangerous substances  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1805	UN 1805	UN 1805	UN 1805	UN 1805
<b>14.2. UN proper shipping name</b>				
PHOSPHORIC ACID, SOLUTION	PHOSPHORIC ACID SOLUTION	Phosphoric acid, solution	PHOSPHORIC ACID, SOLUTION	PHOSPHORIC ACID, SOLUTION
<b>Transport document description</b>				
UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III, (E)	UN 1805 PHOSPHORIC ACID SOLUTION, 8, III	UN 1805 Phosphoric acid, solution, 8, III	UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III	UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

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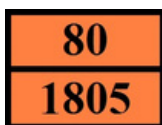
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### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) Limited quantities (ADR) : C1  
Excepted quantities (ADR) Packing instructions : 5I  
(ADR) Mixed packing provisions (ADR) Portable : E1  
tank and bulk container instructions (ADR) Portable : P001, IBC03, LP01, R001  
tank and bulk container special provisions (ADR) : MP19  
Tank code (ADR) Tank special provisions (ADR) : T4  
Vehicle for tank carriage Transport category (ADR) : TP1  
Special provisions for carriage - Packages (ADR)  
Hazard identification number (Kemler No.) Orange plates : L4BN  
: TU42  
: AT  
: 3  
: V12  
: 80  
:



Tunnel restriction code (ADR) EAC code

: E  
: 2R

#### Transport by sea

Special provisions (IMDG)  
Packing instructions (IMDG) : 223  
IBC packing instructions (IMDG) : P001, LP01  
Tank instructions (IMDG) : IBC03  
Tank special provisions (IMDG) : T4  
EmS-No. (Fire) : TP1  
EmS-No. (Spillage) : F-A  
Stowage category (IMDG) : S-B  
Properties and observations (IMDG) : A

#### Air transport

: Miscible in water. Mildly corrosive to most metals.

PCA Excepted quantities (IATA)  
PCA Limited quantities (IATA) : E1  
PCA limited quantity max net quantity (IATA) : Y841  
PCA packing instructions (IATA) : 1L  
PCA max net quantity (IATA) : 852  
CAO packing instructions (IATA) : 5L  
CAO max net quantity (IATA) : 856  
Special provisions (IATA) : 60L  
ERG code (IATA) : A3, A803

#### Inland waterway transport

: 8L

Classification code (ADN)  
Limited quantities (ADN) : C1  
Excepted quantities (ADN) : 5L  
Equipment required (ADN) : E1  
Number of blue cones/lights (ADN) : PP, EP

#### Rail transport

: 0

Classification code (RID)  
Limited quantities (RID) : C1  
Excepted quantities (RID) : 5L  
Packing instructions (RID) : E1  
Mixed packing provisions (RID) : P001, IBC03, LP01, R001  
Portable tank and bulk container instructions (RID) : MP19  
Portable tank and bulk container special provisions (RID) : T4  
Tank codes for RID tanks (RID) : TP1  
Special provisions for RID tanks (RID) : L4BN  
Transport category (RID) : TU42  
Special provisions for carriage – Packages (RID) : 3  
: W12



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Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 80

### 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit

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PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4 Serious eye damage/eye irritation,
Eye Irrit. 2 Flam.	Category 2 Flammable liquids, Category 2 Skin corrosion/irritation,
Liq. 2 Skin Corr.	Category 1B Skin corrosion/irritation, Category 2 Specific target organ
1B Skin Irrit. 2	toxicity — Single exposure, Category 3, Narcosis Highly flammable
STOT SE 3 H225	liquid and vapour. Harmful if swallowed. Causes severe skin burns and
H302 H314 H315	eye damage. Causes skin irritation. Causes serious eye damage.
H318 H319 H336	Causes serious eye irritation. May cause drowsiness or dizziness.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.