

Product RINSE AID  
 Revision date 14 September 2018  
 Revision 1



## Safety Data Sheet (SDS)

### Section 1: Identification of the substance/preparation and of the company/undertaking

#### 1.1 Product identifier

**Product name** RINSE AID  
**Product no.** 702  
**Synonyms, Trade names** No information available.

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

**Identified uses** Rinse Aid.  
**Uses advised against** Any other purpose.

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

**Supplier** T T Commercial Trading Ltd  
 High Street South  
 Dunstable  
 Bedfordshire  
 LU6 3SH  
 United Kingdom  
 Tel: 01582 865 050

**Contact person**

#### 1.4 Emergency telephone number

**Emergency telephone** 01582 865 050

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (EC 1272/2008)**  
 Physical and chemical hazards Not classified  
 Human health Not classified  
 Environment Not classified

#### 2.2 Label elements

**Contains** Not applicable  
**Label in accordance with (EC) no. 1272/2008** No pictogram required  
**Signal word** No Signal Word  
**Hazard statements** No hazard statements required  
**Precautionary statements** No precautionary statements required

#### 2.3 Other hazards

None known.

### Section 3: Composition/identification of ingredients

#### 3.1 Substance

Not applicable.

### 3.2 Mixtures

Name	Product identifier	Reg. EU 1272/2008	%
propan-2-ol	CAS-No.: 67-63-0 EC No.: 200-661-7 REACH Reg No.: 01-2119457558-25-0000	Eye Irrit.2A - H319, Flam. Liq 2- H225, STOT SE 3 - H336	0-1%

The full text for all hazard statements are displayed in section 16.

**Composition comments**

The data shown are in accordance with the latest EC Directives.

## Section 4: First aid measures

### 4.1 Description of first aid measures

**General information**

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.

**Inhalation**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration and get medical attention.

**Ingestion**

Do not induce vomiting. Thoroughly rinse the mouth with water. If vomiting occurs, keep head low so that stomach content doesn't enter the lungs. Get medical attention if discomfort occurs. Never give anything by mouth to an unconscious person.

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with water. Get medical attention if irritation develops or persists.

**Eye contact**

Avoid contaminating unaffected eye. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses if present and easy to do so. Get prompt medical attention.

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

**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

No specific symptoms noted.

**Ingestion**

Exposure to liquid product may cause irritation to mouth, throat and esophagus.

**Skin contact**

Prolonged or repeated contact may be irritating to the skin.

**Eye contact**

May cause eye irritation.

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

**Notes to the physician**

Treat symptomatically.

## Section 5: Fire-fighting measures

### 5.1 Extinguishing media

**Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media**

No unsuitable extinguishing media identified.

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

**Hazardous combustion products**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

**Unusual fire & explosion hazards**

No unusual fire or explosion hazards noted.

**Specific hazards**

No specific hazards are identified for the product.

### 5.3 Advice for firefighters

**Special fire fighting procedures**

Ventilate closed spaces before entering them. If possible, fight fire from protected position. Keep up-wind to avoid fumes. Water spray should be used to cool containers.

**Protective equipment for firefighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

**Section 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Eliminate all sources of ignition. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Do not touch or walk through spilled material. Wash hands after use.
<b>For emergency responders</b>	Follow safe handling advice and personal protective equipment recommendations for normal use of product.

**6.2 Environmental precautions**

<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.
----------------------------------	---

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

<b>Spill clean up methods</b>	Stop leak if possible without risk. Absorb spillage with non-combustible, absorbent material - sand. In case of a large scale of spill, dyke area with sand to stop the spill spreading. Flush with plenty of water to clean spillage area. Floors may become slippery, avoid falls. Place waste material into suitable labelled sealed containers for disposal.
-------------------------------	--

**6.4 Reference to other sections**

<b>Reference to other sections</b>	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
------------------------------------	--

**Section 7: Handling and storage****7.1 Precautions for safe handling**

<b>Handling</b>	Use proper personal protection when handling (refer to Section 8). Avoid spilling, skin and eye contact. Avoid inhalation of vapours. Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Do not mix with other chemicals. When using, do not eat, drink or smoke. Wash thoroughly after handling. Do not wear contact lenses.
-----------------	--

**7.2 Conditions for safe storage, including any incompatibilities**

<b>Storage precautions</b>	Keep upright, locked up and out of reach of children. Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.
<b>Storage class</b>	Unspecified storage.

**7.3 Specific end use(s)**

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
<b>Usage description</b>	Use only according to directions. Replace and tighten cap after use.

**Section 8: Exposure controls/Personal protection****8.1 Control parameters**

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
propan-2-ol	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	
propan-2-ol	OEL	200 ppm		400 ppm		

<b>Ingredient comments</b>	WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits. Ireland, Occupational Exposure Limits 2018.
----------------------------	--

**8.2 Exposure Controls**

**Protective equipment**



<b>Engineering measures</b>	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
<b>Respiratory equipment</b>	Use respiratory protection as specified by an industrial hygienist or other qualified professional if concentrations exceed the limits listed in Section 8. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU). Type A/organic vapour protective components recommended. Consult manufacturer for specific advice.
<b>Hand protection</b>	Where hand contact with the product may occur use gloves approved to relevant standards (e.g. Europe: EN374.) EU Directive 89/686/EEC. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Gloves must be inspected prior to use. Suggested material: Nitrile rubber. Minimum layer thickness: 0.4mm. Breakthrough time: >480 minutes. Consult manufacturer for specific advice. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
<b>Eye protection</b>	Wear safety goggles/face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).
<b>Other protection</b>	Select appropriate protective clothing based on chemical resistance data and an assessment of local exposure potential. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist. The selected clothing must satisfy the European norm standard EN 943.
<b>Hygiene measures</b>	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated.
<b>Process conditions</b>	Ensure that eye flushing systems and safety showers are located close by in the work place.

---

## Section 9: Physical and chemical properties

---

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Dark blue.
<b>Odour</b>	No information available.
<b>Odour threshold - lower</b>	No information available.
<b>Odour threshold - upper</b>	No information available.
<b>pH-Value, Conc. Solution</b>	7.00
<b>pH-Value, Diluted solution</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and boiling range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability state</b>	No information available.
<b>Flammability limit - lower(%)</b>	No information available.
<b>Flammability limit - upper(%)</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density (air=1)</b>	No information available.

<b>Relative density</b>	1.000g/cm <sup>3</sup> @ 20.00 °C
<b>Bulk density</b>	No information available.
<b>Solubility</b>	Soluble in water.
<b>Decomposition temperature</b>	No information available.
<b>Partition coefficient; n-Octanol/Water</b>	No information available.
<b>Auto ignition temperature (°C)</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not classified as explosive.
<b>Oxidising properties</b>	No information available.

## **9.2 Other information**

<b>Molecular weight</b>	No information available.
<b>Volatile organic compound</b>	No information available.
<b>Other information</b>	None noted.

---

## **Section 10: Stability and reactivity**

---

### **10.1 Reactivity**

<b>Reactivity</b>	No specific reactivity hazards associated with this product.
-------------------	--

### **10.2 Chemical stability**

<b>Stability</b>	Stable under normal temperature conditions and recommended use.
------------------	---

### **10.3 Possibility of hazardous reactions**

<b>Hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerisation</b>	Not relevant.
<b>Polymerisation description</b>	No information available.

### **10.4 Conditions to Avoid**

<b>Conditions to avoid</b>	Heat, sparks, open flames, temperature extremes and direct sunlight.
----------------------------	--

### **10.5 Incompatible materials**

<b>Materials to avoid</b>	Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids.
---------------------------	---

### **10.6 Hazardous decomposition products**

<b>Hazardous decomposition products</b>	If heated, harmful vapours may be formed.
---	---

---

## **Section 11: Toxicological information**

---

### **11.1 Information on toxicological effects**

<b>Toxicological information</b>	No toxicological information for the overall finished product.
<b>Acute toxicity (Oral LD50)</b>	No information available.
<b>Acute toxicity (Dermal LD50)</b>	No information available.
<b>Acute toxicity (Inhalation LD50)</b>	No information available.
<b>Serious eye damage/irritation</b>	Product is not classified as an eye irritant.

<b>Skin corrosion/irritation</b>	No information available.
<b>Respiratory sensitisation</b>	No information available.
<b>Skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Specific target organ toxicity - Single exposure:</b>	
<b>STOT - Single exposure</b>	No information available.
<b>Specific target organ toxicity - Repeated exposure:</b>	
<b>STOT - Repeated exposure</b>	No information available.
<b>Inhalation</b>	No specific symptoms noted.
<b>Ingestion</b>	Exposure to liquid product may cause irritation to mouth, throat and esophagus.
<b>Skin contact</b>	Prolonged or repeated contact may be irritating to the skin.
<b>Eye contact</b>	May cause eye irritation.
<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Routes of entry</b>	No information available.
<b>Target organs</b>	No target organs specified.
<b>Aspiration hazards:</b>	No information available.
<b>Reproductive toxicity:</b>	No information available.

---

## Section 12: Ecological information

---

### 12.1 Toxicity

<b>Acute toxicity - Fish</b>	No information available.
<b>Acute toxicity - Aquatic invertebrates</b>	No information available.
<b>Acute toxicity - Aquatic plants</b>	No information available.
<b>Acute toxicity - Microorganisms</b>	No information available.
<b>Chronic toxicity - Fish</b>	No information available.
<b>Chronic toxicity - Aquatic invertebrates</b>	No information available.
<b>Chronic toxicity - Aquatic plants</b>	No information available.
<b>Chronic toxicity - Microorganisms</b>	No information available.
<b>Ecotoxicity</b>	The product is 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.
<b>Eco toxicological information</b>	No ecological toxicity available on the overall finished product.

### 12.2 Persistence and degradability

<b>Degradability</b>	No information available.
<b>Biological oxygen demand</b>	No information available.
<b>Chemical oxygen demand</b>	No information available.

### 12.3 Bioaccumulative potential

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Bioaccumulation factor</b>	No information available.
<b>Partition coefficient; n-Octanol/Water</b>	No information available.

### 12.4 Mobility in soil

<b>Mobility</b>	Soluble in water.
-----------------	-------------------

### 12.5 Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product is not identified as a PBT/vPvB substance.

**12.6 Other adverse effects**

<b>Other adverse effects</b>	None known.
------------------------------	-------------

**Section 13: Disposal considerations**

<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
-------------------------	--

**13.1 Waste treatment methods**

<b>Disposal methods</b>	Dispose of waste and residues in accordance with local authority requirements.
-------------------------	--

**Section 14: Transport information****14.1 UN number**

<b>UN no. (ADR)</b>	Not applicable.
<b>UN no. (IMDG)</b>	Not applicable.
<b>UN no. (IATA)</b>	Not applicable.

**14.2 UN proper shipping name**

<b>ADR proper shipping name</b>	Not applicable.
<b>IMDG proper shipping name</b>	Not applicable.
<b>IATA proper shipping name</b>	Not applicable.

**14.3 Transport hazard class(es)**

<b>ADR class</b>	Not applicable.
<b>IMDG class</b>	Not applicable.
<b>IATA class</b>	Not applicable.

<b>Transport labels</b>	Not applicable
-------------------------	----------------

**14.4 Packing group**

<b>ADR/RID/ADN packing group</b>	Not applicable.
<b>IMDG packing group</b>	Not applicable.
<b>IATA packing group</b>	Not applicable.

**14.5 Environmental hazards**

<b>ADR</b>	No
<b>IMDG</b>	No
<b>IATA</b>	No

**14.6 Special precautions for user**

<b>EMS</b>	Not applicable.
<b>Emergency action code</b>	Not applicable.
<b>Hazard no. (ADR)</b>	Not applicable.
<b>Tunnel restriction code</b>	Not applicable.

**14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code****Section 15: Regulatory information****15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.
-----------------------	--

<b>Approved code of practice</b>	Workplace Exposure Limits Guidance Note EH40/2005. 2018 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and
----------------------------------	--

Welfare at Work Act 2005 (No. 10 of 2005).

**Chemical safety assessment** No chemical safety assessment has been carried out.

---

**Section 16: Other information**

---

<b>General information</b>	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
<b>Revision comments</b>	This is a first issue.
<b>Revision date</b>	14 September 2018
<b>Revision</b>	1
<b>Safety data sheet status</b>	Approved.

**Hazard statements in full**

<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H225</b>	Highly flammable liquid and vapour.
<b>H319</b>	Causes serious eye irritation.
<b>H336</b>	May cause drowsiness or dizziness.
<b>H335</b>	May cause respiratory irritation.
<b>H272</b>	May intensify fire; oxidiser.
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>H301</b>	Toxic if swallowed.
<b>H311</b>	Toxic in contact with skin.
<b>H317</b>	May cause an allergic skin reaction.
<b>H331</b>	Toxic if inhaled.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.