

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Valve Lubricant 601

Revision 19

Revision date 2021-07-08

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

1.1. Product identifier	
Product name	Valve Lubricant 601
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Lubricating grease.
1.3. Details of the supplier of the safety data sheet	
Company	R S Clare & Co Ltd
Address	8-14 Stanhope Street Liverpool L8 5RQ UK
Web	www.rsclare.com
Telephone	+44 (0) 151 709 2902 (9am - 5pm Mon - Fri)
Fax	00 44 (0)151 709 0518
Email	info@rsclare.co.uk
Email address of the competent person	info@rsclare.co.uk
1.4. Emergency telephone number	
Emergency telephone number	+44(0) 151 709 2902 9am-5pm Mon-Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.2. Classification - EC 1272/2008	No Significant Hazard.
2.2. Label elements	
Risk phrases	The product has been assessed according to CLP and it is not classified. There are no applicable hazard (H) statements or precautionary (P) statements. Regulation (EC) No. 1272/2008 (CLP). Not classified as hazardous for supply/use. Hazard Statement(s): None Assigned. Precautionary Statement(s): None Assigned. No Significant Hazard
2.3. Other hazards	
Other hazards	No known adverse health effects.

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2.3. Other hazards

No known adverse environmental effects.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Disodium sebacate		17265-14-4	241-300-3	01-2120762063-61	1 - 10%	Eye Irrit. 2: H319;
Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates		80939-62-4	279-632-6	01-2119976322-36	0.5 - 1%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

Description

Full text for all Risk Phrases mentioned in this section are displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No Significant Hazard.
Eye contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with soap and water.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Inhalation	No Significant Hazard.
Eye contact	No known adverse health effects.
Skin contact	No known adverse health effects.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	No Significant Hazard.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with soap and water.
Ingestion	DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Carbon oxides.
Sulphur oxides.
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure

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6.1. Personal precautions, protective equipment and emergency procedures

	adequate ventilation of the working area. Surfaces contaminated with the product will become slippery.
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6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains. Do not allow product to enter drains.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Clean area thoroughly with detergent.
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6.4. Reference to other sections

	SECTION 2: Hazards identification. SECTION 3: Composition/information on ingredients. SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Wear suitable protective clothing, gloves and eye/face protection. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Do not eat, drink or smoke in areas where this product is used or stored. Keep only in the original container in a cool, well-ventilated place.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep only in the original container in a cool, well-ventilated place.
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7.3. Specific end use(s)

	Lubricants, greases, release products.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	See section 8.2 for further information.
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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable gloves and eye/face protection. Wear suitable protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	Black
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	Not applicable.
Freezing Point	Not applicable.
Initial boiling point	Not applicable.
Flash point	> 200 °C (From Base Oil) 0
Evaporation rate	Not applicable.
Flammability (solid, gas)	No data available
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	1.3 (H ₂ O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	Not determined
Autoignition temperature	No data available
Viscosity	Not applicable.
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Immiscible in water

9.2. Other information

Conductivity	Not applicable.
Surface tension	Not applicable.
Gas group	Not determined
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under conditions of normal use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Keep away from incompatible materials.

10.4. Conditions to avoid

Avoid sparks, flames, heat and sources of ignition.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

Carbon oxides. Sulphur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data is available on this product.

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11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	No irritation expected.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	No data is available on this product.
Aspiration hazard	No data is available on this product.
Repeated or prolonged exposure	Repeated exposure may cause skin dryness or cracking. May cause allergic reactions in susceptible people.

11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	Does not bioaccumulate.
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Partition coefficient

	Valve Lubricant 601 Not determined
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12.4. Mobility in soil

	Do not let product contaminate subsoil. Immiscible in water.
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12.5. Results of PBT and vPvB assessment

	Does not contain any substances classified as PBT or vPvB.
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12.6. Other adverse effects

	No known adverse environmental effects.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Do not empty into drains; dispose of this material and its container in a safe way. Do not let product contaminate subsoil.
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General information

	Do not empty into drains; dispose of this material and its container in a safe way.
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Disposal methods

	Dispose of as special waste in compliance with local and national regulations. Contact a licensed waste disposal company. Do not allow product to enter drains. Do not let product contaminate subsoil.
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Disposal of packaging

	Contact a licensed waste disposal company. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling. This material and its container must be disposed of in a safe
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Disposal of packaging

way.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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.

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

Other information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
Revision	This document differs from the previous version in the following areas: 12 - 12.1. Toxicity.
Text of Hazard Statements in Section 3	Eye Irrit. 2: H319 - Causes serious eye irritation. Skin Irrit. 2: H315 - Causes skin irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.