

# SAFETY DATA SHEET

## Valve Lube 501

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

**PRODUCT NAME** Valve Lube 501  
**PRODUCT NO.** D501  
**APPLICATION** Lubricant.  
**SUPPLIER** R S Clare & Co Ltd  
 Stanhope Street  
 Liverpool  
 L8 5RQ  
 0151 709 2902  
 0151 709 0518

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
AMINES, C11-14 BRANCHED ALKYL, MONOHEXYL AND DIHEXYL PHOSPHATES	279-632-6	80939-62-4	<1.0%	Xi;R36/38. N;R51/53.
BENZENAMINE, REACTION PRODUCT		68411-46-1	<1.0%	N;R51/53.
DIETHANOLAMINE	203-868-0	111-42-2	<1.0%	Xn;R22,R48/22 Xi;R38,R41
DIPHENYLAMINE	204-539-4	122-39-4	<1.0%	T;R23/24/25 R33 N;R50/53

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

### 3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 4 FIRST-AID MEASURES

#### INHALATION

Provide rest, warmth and fresh air.

#### INGESTION

DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air.

#### SKIN CONTACT

Wash the skin immediately with soap and water.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIFIC HAZARDS

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

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Spilt product presents a significant slip hazard. Avoid exposure of product to sources of Ignition

#### ENVIRONMENTAL PRECAUTIONS

Prevent entry of hot material into drains, sewers and watercourses

#### SPILL CLEAN UP METHODS

Scrape or shovel up and transfer to suitable containers. Clean affected area

# Valve Lube 501

## 7 HANDLING AND STORAGE

### STORAGE PRECAUTIONS

Store between 0° - 40°C

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
DIETHANOLAMINE	OES	3 ppm	13 mg/m3		
DIPHENYLAMINE	OES		10 mg/m3		20 mg/m3

### INGREDIENT COMMENTS

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide sufficient ventilation during operations which cause vapour formation.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Grease		
COLOUR	Black		
ODOUR	Characteristic		
RELATIVE DENSITY	0.85 - 0.95 20	FLASH POINT (°C)	>230 CC (Closed cup).

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Sources of Ignition.

### HAZARDOUS POLYMERISATION

Will not polymerise.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Irritating gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Low volatility makes inhalation unlikely at ambient temperatures.

### INGESTION

May cause Nausea, vomiting. Diarrhoea.

# Valve Lube 501

## SKIN CONTACT

Unlikely to cause harm on brief or occasional contact

## EYE CONTACT

Irritating to eyes.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

**ADR CLASS** Not classified for transportation.

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

NC Not classified.

### UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.

### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3)

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## 16 OTHER INFORMATION

**REVISION DATE** 01-12-2006

### RISK PHRASES IN FULL

R22 Harmful if swallowed. , R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. , R33 Danger of cumulative effects. , R36/38 Irritating to eyes and skin. , R38 Irritating to skin. , R41 Risk of serious damage to eyes. , R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed. , R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. , R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

*The information provided only relates to the product or material specified and does not apply if used in combination with other materials. The data sheet gives information to the best of RS Clare & Co Ltd knowledge and awareness as of the date of issue. If you have purchased the product for supply to a third party for a use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. If you are an employer, it is your duty to inform your employees and others who may be affected by any of the hazards described in this sheet and any precautions which should be taken.*