

PH4892

AQUAGEL

(inc. AQUAGEL).

Description

Aquagel is a multi-purpose lubricant and sealant that is compounded specifically to cling to metal and 'O' ring surfaces, provide long term lubrication, and prevent corrosion. It is designed to seal out water and contaminants. Aquagel is particularly effective on bearings, water pumps, 'O' rings, gaskets, water filters, motors and valves that must operate in hot or cold water, steam, pool chemicals, or salt water.

Benefits

- Excellent shear stability over long periods
- Retains its consistency whether in use or at rest
- Lubricates, seals and prevents rust

Typical Properties

NLGI	No. 2
Worked Penetration @ 77°F	265-295
Soap Type	Lithium
Dropping Point (°F)	365
Fluid Viscosity @ 210°F (SUS)	150
Colour	Aqua

* Average values subject to minor manufacturing variances which do not affect performance.

MATERIAL SAFETY DATA SHEET

AQUAGEL range

1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name	Aquagel range
Product Code	FA
Application	Water resistant grease with EP additives
Manufacturer/Supplier	D.A. Stuart Oil Co Ltd, Lincoln Street, Wolverhampton, WV10 0DZ, United Kingdom
Telephone Number	01902 877600
Fax Number	01902 453764
Emergency Telephone Number	None

2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients Ingredient name	CAS No	% Conc	Hazard	Risk Phrases	Exposure Limits OEL
Highly refined mineral oils		40 - 60%			

3 - HAZARD IDENTIFICATION

This material is not classified as hazardous under the Chemicals (Hazard Information and Packaging for Supply) regulations 1994 (as amended) / European Directive 88/379/EEC. However, normal handling precautions should be observed during use.

4 - FIRST AID MEASURES

Eyes	Flush immediately with running water for at least 15 minutes. Seek medical attention
Skin	Following contact with product wash with soap and warm water without delay. Heavily contaminated clothing should be removed and washed / laundered before reuse. Seek medical attention if irritation is severe or persists.
Ingestion	Wash mouth out with water and seek medical attention. Do not allow product to be swallowed, but water to drink may be given. Do not induce vomiting.
Inhalation	Remove patient to fresh air. Seek medical attention if symptoms persist. Apply artificial respiration if breathing has stopped.

MATERIAL SAFETY DATA SHEET

AQUAGEL range

5 - FIRE FIGHTING MEASURES

Flammability	Combustible
Extinguishing Media	Carbon dioxide, chemical foam, dry powder, water fog
Unsuitable Extinguishing Media	Do not use water jets
Combustion Products / Special Hazards	Complete combustion produces oxides of carbon and sulphur. In a typical fire unidentified organic or inorganic compounds which should be regarded as potentially toxic may be produced
Protective Equipment	Fire fighters should wear respiratory protection

6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear personnel protective equipment as detailed in section 8
Environmental Precautions	Try to prevent the material entering drains or watercourses. Advise local authorities and/or Environment Agency if spillage has entered a watercourse or sewer or has contaminated soil or vegetation
Clean Up : Large Spills	Contain the spillage using absorbent granules, earth or sand. Transfer liquid directly, or by using absorbent materials to a suitable, marked container. Disposal of the product and any contaminated absorbents must be carried out via a licenced waste disposal contractor

7 - HANDLING AND STORAGE

Handling	Adopt normal good working practices and personal hygiene standards. Wash hands after use, before eating, drinking or smoking, and before or after using the toilet
Storage	Store in dry conditions protected from extremes of temperature and frost. Store in original containers

8 - EXPOSURE CONTROLS \ PERSONAL PROTECTION

Components with assigned exposure limits			
Name	type of limit	Long Term Exposure Limit (8hr TWA) 5mg/m ³	Short-term Exposure Limit (15 min) 10mg/m ³
oil mist, mineral			
Engineering Control Measures	Wherever practicable, the product should be handled in a closed system		
Respiratory Protection	Not considered necessary in normal conditions of use.		
Hand Protection	PVC gloves		
Eye Protection	safety glasses		
Body Protection	Overalls		

MATERIAL SAFETY DATA SHEET

AQUAGEL range

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	paste	Specific Gravity @ 15.5°C	0.89
Colour	green	Flash Point	>250°C
Odour	mild	Auto Ignition Temperature	not determined
Solubility in Water	immiscible	Flammability Limits in air Upper	not determined
pH	not applicable	Lower	

10 - STABILITY AND REACTIVITY

Stability	The product is stable under normal conditions of use and storage
Conditions to avoid	Extremes of temperature. Ideally store between 5 and 30°C
Materials to avoid	None known
Thermal decomposition products	Complete combustion will result in the formation of oxides of carbon and sulphur. Incomplete combustion or thermal decomposition may result in the formation of a variety of undetermined organic and inorganic compounds which may be hazardous. The identity of these compounds will be dependant upon the conditions leading to decomposition

11 - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Based on data related to its components this product is expected to have a low degree of acute toxicity.
Effects on eyes	This product may cause some slight transient soreness
Effects on skin	This product is not expected to be irritant where brief or infrequent skin contact arises. Prolonged or repeated contact may cause defatting of the skin and subsequent irritation
Effects on respiratory system	At ambient temperatures this product is unlikely to present a significant inhalation hazard. At elevated temperatures or where conditions lead to the generation of mists or vapours these may cause irritation to the respiratory tract.
Other data	All base oils used in this product contain less than 3% DMSO extractable material and hence are not classified as carcinogenic. Contamination of the product in use can result in additional hazards being introduced

12 - ECOLOGICAL INFORMATION

Mobility	Relatively low due to low water solubility
Persistence / degradability	The product is expected to be inherently but not readily biodegradable.
Ecotoxicity	The components of this product are not classified as harmful to aquatic organisms.

MATERIAL SAFETY DATA SHEET

AQUAGEL range

13 - PRODUCT DISPOSAL

All disposal of product and containers should be carried out in accordance with local regulations. In the UK, due to potential contamination, the used product it would normally be classified as Special Waste. A licenced waste management contractor should be consulted.

14 - TRANSPORT INFORMATION

This product is not classified as hazardous for transportation

UN Number	-
UN Class	-
Packing Group	-
Proper Shipping Name	-
ADR/RID	-
UK CPL-CDR Emergency Action Code	-

15 - REGULATORY INFORMATION

This product has been classified according to European directives 67/548 EEC and 86/359 EEC on the classification of dangerous substances and preparations.

Classification	Not classified as hazardous
----------------	-----------------------------

Risk Phrases

Safety Phrases

16 - OTHER INFORMATION

The data and advice given apply only when the material is used for it's stated application(s) and the product is not sold as suitable for any other application.

Use of the material for applications other than as stated may give rise to other risks not shown.

If the material is supplied to a third party for use at work for the stated application, it is your duty to ensure that all necessary precautions are taken to secure that any person handling or using the material is provided with the information detailed herein.

If you are an employer, it is your duty to inform your employees and others who may be affected by any hazards described herein and of any precautions which are necessary.

None of the data shown herein constitutes a specification.

The classification of this product has been carried out according to the European directives 67/548 EEC and 86/359 EEC as revised upto the 25th adaptation to technical progress

Revision Date 4.7.2000

FAX:ljwp