



## 1. IDENTIFICATION

### 1.1 Product Identifier:

Name: Hagen Automation PAG-WS2-00 Lubricant

Material: Mixture, lubricant grease, semi fluid

### 1.2 Relevant identified uses:

Uses: Lubricant grease

Uses advised against: None

### 1.3 Details of the supplier of the safety Data Sheet:

Supplier: Hagen Automation Ltd

Address:

Hagen Automation, Greybern House, Templars Way, Sharnbrook, MK441PY United Kingdom

### 1.4 Emergency Contact:

Emergency Tel: 0044 7739 854 883

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

2.1.1 Classification:

Classification according to directive 67/548/EEC OR 1999/45/EC:

This substance is not classified as dangerous according to regulation (EC) 1272/2008[GHS].

Adverse physicochemical, Human Health and environmental effects:

Not classified

### 2.2 Label Elements according to Regulation (EC) No. 1272/2008 {CLP}:

#### Hazard Symbol:

Not applicable.

#### Risk Phrases:

Not applicable.

### 2.3 Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII  
The mixture does not contain substance(s) included in the list established in accordance with Article 59 (1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

## 3. COMPOSITION

### 3.1 Substance/Mixture:

The product in question is a Mixture.

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

#### **4. FIRST AID MEASURES**

**Skin:** Wash skin with soap and water.

**Eye:** Flush eyes with water for 15 minutes, while holding the eyelids apart. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation persists.

**Inhalation:** Unlikely due to low volatility. Remove to fresh air. Get medical attention if irritation or symptoms occur.

**Ingestion:** If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting unless directed to by a doctor or physician. Get medical attention for large ingestions.

#### **Potential acute and delayed symptoms:**

Symptoms/effects after skin contact: Repeated or prolonged skin contact may cause dermatitis and defatting

Symptoms/effects after eye contact: Redness

Symptoms/effects after ingestion: Harmful if swallowed

Treat symptomatically as required.

#### **5. FIRE FIGHTING MEASURES**

##### **5.1 Suitable Extinguishing Media:**

Use water spray, fog or mist, alcohol foam, or dry chemicals to extinguish.

Do not use: Water Jet

##### **5.2 Special Hazards Arising from the Substance or Mixture:**

Exposure to high temperatures may release flammable hydrocarbons that can accumulate in confined areas and present a fire or explosion hazard. Burning may release hydrocarbons, and oxides of carbon.

##### **5.3 Advice for Fire-Fighters:**

Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

#### **6. ACCIDENTAL RELEASE MEASURES**

##### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary personnel away. Spilt product maybe slippery!

##### **6.2 Environmental Precautions:**

Do not flush into surface water or sanitary sewer system. Notify local authorities if product enters sewers or public waters.

##### **6.3 Methods and Material for Containment and Cleaning up:**

Stop spill at source if safe to do so. Contain spill and pump material into a suitable container or absorb with an inert absorbent and place in a suitable container.

##### **6.4 Reference to Other Sections:**

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling:**

Keep away from heat, sparks and open flame. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash exposed skin thoroughly with soap and water after use. Wear appropriate personal protective equipment as specified in Section 8. Observe good industrial hygiene practices.

### **7.2 Conditions for Safe Storage, Including Any Incompatibilities:**

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store away from oxidizing agents and other incompatible materials. Keep away from open flames, sparks, and excessive heat.

Store in containers made of stainless steel, HDPE, PET, or glass.

### **7.3 Specific End Use(s):**

Lubricant for use on metal components.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Direct contact with the skin should be avoided.

Specific Eye/face Protection: Chemical safety glasses recommended.

Specific Skin Protection: Protective gloves recommended if needed to avoid prolonged contact.

Wear protective clothing as necessary to avoid skin contact.

Specific Respiratory Protection: None under normal use conditions. For operations where exposure limits are exceeded, an approved respirator with an organic vapor cartridge and a dust/mist pre-filter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state at 20°C** Smooth Grease

**Colour** Silver Grey

**Odour** Slight

**pH value** Not applicable

**Solubility in Water (vol/vol)** Material insoluble in water

**Flash Point** >200°C

**Temp Range** -40°C to >200°C

Note VOC content 0%

## **10. STABILITY AND REACTIVITY**

**Hazardous decomposition products:** Combustion will generate smoke, carbon monoxide, carbon dioxide may produce formaldehyde under decomposition by fire.

**Hazardous reactions:** None under normal conditions.

**Hazardous properties:** None under normal conditions.

**Materials to avoid:** Strong oxidizing agents.

**Conditions to avoid:** Naked flames, fires.

## **11. TOXICOLOGICAL INFORMATION**

**Inhalation** Not expected to prevent a significant inhalation hazard under anticipated conditions of normal use. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.

**Dermal** Repeated or prolonged exposure may have a defatting effect or cause dermatitis.

**Ocular** Redness, pain may occur.

## **12. ECOLOGICAL INFORMATION**

### **12.1 Ecotoxicity:**

Acute (short term) aquatic invertebrate toxicity	Not classified
Chronic (long term) aquatic invertebrate toxicity	Not classified

### **12.2 Persistence and degradability:**

No information available.

### **12.3 Bioaccumulative potential:**

No information available.

### **12.4 Mobility in soil:**

No information available.

### **12.5 Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

### **12.6 Other adverse effects:**

The evaluation was carried out according to the calculation method of the preparation directive.

## **13. DISPOSAL INFORMATION**

**General** Dispose of in a safe manner in accordance with local/national regulations

**Disposal method** In accordance with local/national regulations may be taken to waste disposal site.

**Disposal of used packaging** Use a licensed waste disposal contractor.

## **14. TRANSPORT INFORMATION**

Transport: Not classified as hazardous for transport.

## **15. REGULATORY INFORMATION**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

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.

VOC content: 0%

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU2019/1148 on the

marketing and use of explosives precursors)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

### **15.2 Chemical safety assessment:**

Chemical safety assessments for substances in this mixture were not carried out.

## **16. OTHER INFORMATION**

### **Full text of H-Statements referred to under sections 2 and 3:**

NONE REQUIRED

References:

- \* European agreement concerning the international carriage of dangerous goods by road (ADR) volumes I & II 1999
- \* Commission Directive 93/112/EC of 10/12/93, ( O.J. No. 314 of 16/12/93 pg 38)
- \* Council Directive 67/548/EEC and all appropriate A.T.P'S

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.

**[?] Important Note:**

1. Before any product is used the label should be carefully read and current safety literature and information consulted.
2. The product information in this Data Sheet is to the best of Hagen Automation's knowledge correct as at the date of publication. User should contact Hagen Automation for updated advice and in any event satisfy themselves that the product is entirely suitable for their purpose.