

# SAFETY DATA SHEET according to regulation (EC) No.1907/2006

Date of issue: 18 January 2021

Issue number: 2

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

### 1.1. Product Identifier

Product code: V1QJC  
Name: Jewel Clean

### 1.2. Product Uses

This product is specifically formulated to clean jewellery and parts from clocks, watches and instruments.

### 1.3. Supplier

HS Walsh & Sons Ltd  
Hunter House  
Biggin Hill Airport  
Biggin Hill  
TN16 3BN  
Phone: 01959 543660  
Web: [www.hswalsh.com](http://www.hswalsh.com)  
Fax: 01959 574231  
Email: [info@hswalsh.com](mailto:info@hswalsh.com)

### 1.4. Emergency telephone number

Emergency Telephone Number: 01959 543660

## SECTION 2: Hazards identification (Undiluted product)

### 2.1. Classification of the mixture

#### According to 1272/2008

Health Hazards: Eye Dam. 1, Skin Corr. 1B, STOT SE 3

Physical Hazards: Not Classified

Environmental Hazards: Not Classified

### 2.2. Label elements

Danger

#### According to 1272/2008



H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H335 May cause respiratory irritation

P260 Do not breathe mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

### 2.3. Other hazards

### **SECTION 3: Composition/ information on ingredients**

Material	CAS number	Level	EC No (where available)	EU REACH reg. no. (where available)	Hazards (see section 16)	
2-aminoethanol	141-43-5	15-30%			Acute Tox. 4, Skin Corr. 1B, STOT SE 3	H302 H312 H314 H332 H335
1-methoxy-2-propanol	107-98-2	5-15%			Flam. Liq. 3, STOT SE 3	H226 H336
Nonionic surfactant	68439-46-3	1-5%			Acute Tox. 4, Eye Dam. 1	H302 H318

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.

Skin contact: Remove contaminated clothing, wash skin with soap and water. Seek medical attention immediately.

Inhalation: If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.

Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

Eye hazard: Will cause severe damage.

Skin hazard: Causes severe burns.

Respiratory hazard: Will cause irritation.

Other hazards:

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

No special treatment or attention required additional to section 4.2.

### **SECTION 5: Fire fighting measures**

Flammability hazard: Not combustible.

#### **5.1. Extinguishing media**

No special requirements. As appropriate for the fire.

#### **5.2. Special hazards arising from the mixture**

No specific hazards arising from the mixture.

#### **5.3. Advice for firefighters**

No special measures arising from the mixture.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Spillage may make floors slippery. Keep the area clear. Observe regulations.

#### **6.2. Environmental precautions**

Prevent spills from entering water courses.

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

Small quantities, flush to foul sewer with a large quantity of water.

Large quantities, contain and absorb or pump into suitable containers for disposal.

#### **6.4. Reference to other sections**

Observe the advice given in sections 8 and 13

## **SECTION 7: Handling and storage**

Shelf life: 12 months in original sealed containers.

### **7.1. Precautions for safe handling**

Do not mix with other products. Observe good industrial hygiene.

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

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers.

### **7.3. Product Uses**

Dilute one part of product with between 5 and 20 parts of water depending on the degree of soiling and tarnish present.

Agitate the items to be cleaned in the solution for a few minutes, rinse thoroughly in clean water and dry. Best results will be obtained with ultrasonic agitation.

Please refer to product safety data sheet before use. Use only as directed.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Workplace exposure limits

2-aminoethanol	2.5 mg/m <sup>3</sup>	WEL 8 hour TWA (UK EH40)
1-methoxy-2-propanol	375 mg/m <sup>3</sup>	WEL 8 hour TWA (UK EH40)

### **8.2. Exposure controls**

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection:	Wear eye protection appropriate to the process according to BS EN 166.
Hand protection:	Wear nitrile or neoprene gloves. Exact choice of glove depends on specific risk assessments.
Body protection:	As necessary to prevent contact.
Respiratory protection:	Use in a well ventilated area. Avoid breathing vapour or spray. Wear a respirator if necessary.
Other protection:	

Personal protective equipment:



Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Physical State:	Liquid	Colour:	Yellow	Melting point/ freezing point:	N/a
Odour:	Characteristic	Flammability	N/a	Flash point:	Not applicable.
pH (typical):	10.6	1% in water (typical):		Viscosity:	Free flowing.
Initial boiling point:	100°C.				
Auto-ignition temp:	Not applicable.				
Vapour pressure:	No data				
Explosive properties:	Not applicable.				
Lower upper explosion limits:	N/a				
Oxidising properties:	Not applicable.				
Solubility:	Miscible with water.				
Relative density at 20° C (typical):	1.016				
Relative vapour density:	No data				

### **9.2. Other information**

## **SECTION 10: Stability and reactivity**

- 10.1. Reactivity** Incompatible with strong oxidising agents and acids.
- 10.2. Chemical stability** Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** No hazardous reactions are expected to occur.
- 10.4. Conditions to avoid** Extremes of temperature.
- 10.5. Incompatible materials** Incompatible with strong oxidising agents and acids.
- 10.6. Hazardous decomposition products** None known.

## **SECTION 11: Toxicological information**

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

- Acute toxicity: Based on available data, the classification criteria are not met.
- Skin corrosion/ irritation: Mixture is classified as Skin Corr. 1B. See section 2.
- Serious eye damage/ irritation: Mixture is classified as Eye Dam. 1. See section 2.
- Respiratory or skin sensitisation: Does not contain any ingredients classified as sensitising.
- Germ cell mutagenicity: Does not contain any ingredients classified as mutagenic.
- Carcinogenicity: Does not contain any ingredients classified as carcinogenic.
- Reproductive toxicity: Does not contain any ingredients classified as toxic for reproduction.
- STOT single exposure: Mixture is classified as STOT SE 3. See section 2.
- STOT repeated exposure: Does not contain any ingredients classified as STOT RE.
- Aspiration toxicity: Does not contain any ingredients classified as Asp Tox.

### **Routes of exposure/ symptoms**

- Eye contact: Will cause severe damage.
- Skin contact: Causes severe burns.
- Inhalation: Will cause irritation.
- Ingestion: Moderate toxicity, will cause irritation and damage to gastro-intestinal tract due to alkalinity.

- 11.2. Information on other hazards** No data.

## **SECTION 12: Ecological information**

- 12.1. Toxicity** May affect aquatic organisms due to high pH if released into water courses untreated.
- 12.2. Persistence and degradability** All organic ingredients are biodegradable when well diluted. Surfactants used comply with biodegradation criteria, see section 15.1.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate
- 12.4. Mobility in soil** This product has high water solubility
- 12.5. Results of PBT and vPvB assessment** Contains no ingredients classified as PBT or vPvB.
- 12.6. Endocrine disrupting properties** No known endocrine disrupting properties.
- 12.7. Other adverse effects** No other adverse effects are anticipated.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

- Process effluent can normally be discharged to foul sewer (subject to consent limits).
- Dispose of surplus product and packaging via a licenced chemical waste contractor.

## **SECTION 14: Transport information**

- 14.1. UN number** 3267
- 14.2. UN proper shipping name** Corrosive liquid, Basic, Organic, N.O.S. (2-aminoethanol)
- 14.3. Transport hazard class(es)** 8      **14.4. Packing group** 2
- 14.5. Environmental hazards** Not classified as environmentally hazardous for transport
- 14.6. Special precautions for user** No specific precautions.
- 14.7. Maritime transport in bulk according to IMO instruments** Not available for bulk transport.

## **SECTION 15: Regulatory information**

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

Contents according to (EC) regulation No.648/2004 on detergents:

Nonionic surfactants	<5%
EDTA and salts thereof	<5%

The surfactant(s) contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them at their direct request.

**15.2. Chemical safety assessment**      A chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

Hazard statements relating to ingredients (see section 3)

H302 Harmful if swallowed

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H332 Harmful if inhaled

H335 May cause respiratory irritation

H226 Flammable liquid and vapour

H336 May cause drowsiness or dizziness

H318 Causes serious eye damage

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This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

