



## Jewellery Concentrate

### 1. Product and Company Identification

Product name

Supplier

Jewellery Concentrate

Walker Electronics Limited (contact details as above)

### 2. Composition Information on Ingredients

Chemical Nature

Aqueous solution containing:

A blend of biodegradable non-ionic and anionic surfactants, dilute hydrochloric acid, Alkyl aryl sulphonate, Alkyl ether sulphate, Alcohol ethoxylate and 18% ammonia solution

### 3. Hazards Information

MOST IMPORTANT HAZARDS:

Adverse human health effects

Irritating to the eyes, skin and respiratory system. May burn on prolonged contact.

Environmental effects

Toxic to aquatic organisms.

Classification/Specific hazards

According to EC criteria this product, in its concentrated form is classified as an IRRITANT.

### 4. First-aid Measures

Inhalation

#### Treatment

In high concentrations, remove from exposure, rest and keep warm. If recovery is not rapid seek medical attention

Skin contact

Wash with plenty of soap and water.

Eye contact

Irrigate thoroughly with water for at least 15 minutes. Seek medical advice.

Ingestion

Wash out mouth with water. If patient is conscious, give water to drink. DO NOT induce vomiting. Seek medical attention.

### 5. Fire Fighting Measures

Extinguishing media:

Suitable

Powder, Carbon Dioxide (CO<sub>2</sub>), foam, water spray or sand.

Not suitable

None to our knowledge

Hazardous combustion products

Oxides of sulphur and Carbon.

Special fire fighting equipment

Wear self-contained breathing apparatus.

### 6. Accidental Release Measures

Safety precautions

Wear appropriate PPE (see section 8).

Environmental precautions

DO NOT discharge into drains or rivers. Any spillages into watercourses must be reported to the NRA

Methods of cleaning up:

Absorb with sand, earth or absorbent material.

### 7. Handling and Storage

Handling

Good general ventilation is required.

Storage

Store away from food, drink and animal foodstuffs. Only in original container. At temperatures above 5 °C

Incompatible products

Oxidising agents

Suitable packaging materials

Glass, suitable plastic.

### 8. Exposure Controls/Personal Protection

Engineering measures

25ppm (17mg/m<sup>3</sup>) 8hr TWA; 35ppm (24 mg/m<sup>3</sup>)

Personal Protective Equipment (PPE):

-Respiratory

Self-contained breathing apparatus should be used where exposure to high concentrations is likely

-Hand protection

Suitable chemical-resistant gloves.

-Eye protection

Safety spectacles/goggles

-Skin

Protective clothing – overalls and boots

## **9. Physical and Chemical Properties**

Appearance:	Liquid
-Physical state	Pale yellow to amber
-Colour	Pungent Ammonia
-Odour	Diluted as directed 6 to 8
PH	Completely miscible. Easily soluble
Solubility in water	

## **10. Stability and Reactivity**

Hazardous reactions:	
-Materials to avoid	Strong acids
-Hazardous decomposition products	On combustion forms oxides of sulphur and carbon, ammonia gas.

## **11. Toxicological Information**

Prolonged contact with skin may result in burns. Contact with eyes may result in severe burns leading to blindness. Inhalation in high concentrations can damage the tissues of the respiratory system. Ingestion may result in damage to the lining of the throat and stomach.

## **12. Ecological Information**

Mobility	Soluble in water. Predicted to have a high mobility in soil
Ultimate destination of product	Water
Degradability	Estimated biodegradability >80%
Aquatic toxicity	Toxic to aquatic organisms.

## **13. Disposal Considerations**

Substance	Via an authorised waste disposal contractor to an approved waste disposal site observing all local and national regulations.
Container	Rinse with water. Recycle following cleaning or dispose of at authorised site observing all local and national regulations

## **14. Transport Information**

Primary Hazard	Contains Ammonia. Irritating to the eyes, skin and respiratory system. May burn on prolonged contact
ADR & UK Road Packing group	III

## **15. Regulatory Information**

Label Name	Jewellery concentrate
Symbols	Xi Irritant
Risk phrases	R34 – R36/37/38 – R51 – Causes burns. Irritating to eyes, respiratory system and skin. Toxic to aquatic organisms.
Safety phrases	S2 – S7 – S18 – S24/25 – S26 – S28 S37/39 – S46 – S49 – S51. Keep out of reach of children. Keep container tightly closed. Handle and open with care. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. Wear suitable eye/face protection. If swallowed, seek medical advice immediately and show this container or label. Keep only in original container. Use in well ventilated areas.

## **16. Other Information**

Uses	Use only as directed.
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The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than for which it was intended. It is the sole responsibility of the user to take all precautions required to handle this product.

The information is, to the best of our knowledge, true and accurate. It is given in good faith. No warranty is implied with respect to the quality or specification of the product. The information given is not exhaustive.