

1. Identification of the substance / preparation and of the company / undertakings**Product Details:**

Trade Name: Ultronics® Ammoniated Jewelry Cleaner UL-35

Manufacturer:**Ultronics Inc.**

235 Ascot Parkway

Cuyahoga Falls, OH 44223 / USA

Main Phone Number: +1 800 262 6262

Fax +1 330 916 7080

Emergency Contact Numbers:

USA & Canada: 1 800 535 5053

2. Composition / Information on Ingredients**Chemical Characterization** : Non-Ionic Detergent**Hazardous Components**

Ammonia

Isopropyl Alcohol

Wt %

5 – 15%

1 – 5%

Index, R/S Phrases

T, C, R34, R37, S7, 26, 45

F, R11, S7-16

3. Hazard Identification

Hazard Designation: Flammable Liquid

Information pertaining to particular dangers for man and environment: None

Classification is in line with BC directive 1999/45/EC: Not Applicable (N/A)

4. First-Aid Measures

After Inhalation: Get to fresh air, if irritation persists, consult a physician

After Skin Contact: Wash thoroughly with water for 15 minutes. If irritation persists, consult a physician

After Eye Contact: Flush with water for 15 minutes. If irritation persists, consult a physician

After Swallowing: Do not induce vomiting. Drink water to dilute and contact a physician.

5. Fire-Fighting Measures**Flammability: Flammable****Flash Point: 64 °C (148 °F)****LEL: Not Established****UEL: Not Established**Extinguishing Media: Water, CO₂, dry chemical or foam

Unsuitable Extinguishing Media: None Known

Protective Equipment: Wear NIOSH approved self-contained breathing respirator in positive pressure mode.

6. Accidental Release Measures

Personal Precautions: Avoid eye contact by wearing safety goggles, avoid skin contact by wearing rubber gloves.

Environmental Precautions: Do not contaminate food or feed with this product. Keep container closed and upright when not in use.

Methods of Cleaning Up: Use absorbent material such as sand or clay, and place in drums for disposal. Small quantities may be diluted with water and flushed down the drain.

7. Handling and Storage

Precautions for Safe Handling: Always wear gloves and eye protection. Keep container closed when not in use.

Storage: Keep out of reach of children. Keep container closed.

8. Exposure Controls/Personal Protection

Components with recommended limits for the work place

CAS No.	Description	Wt%	Type / Value
67-63-0	Isopropyl Alcohol	1%	OSHA PEL 400 ppm

Engineering Controls: Local Exhaust Adequate; mechanical ventilation helpful.

Work/Hygenic Protection: Wash hands and equipment after use.

Hand/Skin Protection: Wear Protective Gloves

Respiratory Protection: None Needed

Eye Protection: Wear Safety Goggles

Date of Issue: March 2007

n.a = not applicable, n.k. = not known

Ultronics® Ammoniated Jewelry Cleaner UL-35

9. Physical And Chemical Properties

Appearance: Purple Liquid

Boiling Point : 100 °C (212 °F)

Flammability: No

Vapor Pressure: n.k.

pH: Conc, 10 - 11 Dilute (1:64) 9 - 11

Odor: Slight Amine/Alcohol Odor

Flash Point: 64 °C (148 °F)

Autoflammability: No

Explosive Properties: N.K.

Viscosity: 50 cps

Solubility : Infinitely soluble in water

Method: Tag Closed Cup

Density: 1.03 g/cc (25°C)

Explosive Limits in Air: N.K.

Method: Brookfield LVT#1, 30 RPM

10. Stability and Reactivity

Chemical Stability: Stable

Materials to avoid: None

Conditions to avoid: Strong oxidizers

Hazardous Decomposition Products: CO

11. Toxicological Information

Acute Toxicity: N.A.

Primary Effects to Skin: Not a primary dermal irritant

Primary Effects to Eyes: Not an ocular irritant

Primary Effects to Respiratory System: Not an acute inhalation hazard

Sensitization: N.A

Additional Toxicological Info: N.A.

12. Ecological Information

General Information : N.A.

Classification of Water endangerment : N.A.

13. Disposal Considerations

Product: Not considered a RCRA hazardous waste as identified in Fed. Reg. 40CFR261. If this product cannot be used as directed by the label, contact the local Environmental Control Agency or Agent.

14. Transportation Information

DOT Shipping Name:

Consumer Commodity ORM-D

Sea Transport IMDG/GGV Sea

Flammable Liquid NOS

(Isopropanol)

Air Transport ICAO-Ti and IATA-DGR

Flammable Liquid NOS

(Isopropanol)

DOT Hazard Class:

Non-Regulated

UN. No.: UN1996 PG III.

UN. No.: UN1996 PGIII

UN-No.

UN 1993 PGIII

EmS-No: N.A. MFGA-No: N.A.

15. Regulatory Information

TSCA Inventory Status: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard Categories: None

SARA 302 Extremely Hazardous Substances: None

SARA 313 Toxic Chemicals

Chemical Name

Isopropyl Alcohol

CAS-No.

67-63-0

Weight %

1%

Classification According to EEC Guidelines:

Classification According to VBF:

Canadian Regulations require the inclusion of the following statements under "Regulatory Information";

"This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."

16. Other Information

Revision Summary : Changed to Company Format and Updated Address 10/06/03. Updated Shipping Information. Biannual Review 3/23/07.

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Ultronics Inc., however, makes no representations as to the completeness of security of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Ultronics Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.