



# Material Safety Data Sheet

Camera lens cleaning solution

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Identification of the substance or preparation

**Product Name:** Camera lens cleaning solution  
**Product Use:** For use with camera lenses, computer screens PDA, Plasma TV screen, Portable DVD Players, Navigation System, and all similar screens

### Company/undertaking identification:

**Company Name:** Ningbo Fancier Photographic Equipment Co., Ltd  
**Address:** No.241 Rongji Road, Luotuo Industrial District, Zhenhai, Ningbo, 315202 China  
**Tel:** +86-574 86590033  
**Fax:** +86-574 86590060  
**E-mail:** grace@weifengchina.com  
**Emergency Telephone:** 13071967918

## 2. HAZARDS IDENTIFICATION

**Classification:** Not classified as hazardous or dangerous according to Directive 1999/45/EC and Hazard Communication Standard

### Information pertaining to special dangers for human and environment:

**Adverse physicochemical effect(s):** None  
**Adverse human health effect(s) and symptom(s):** May cause irritating to eyes and skin  
**Adverse environmental effect(s):** None  
**Other adverse hazard(s):** None

This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Preparation:** Preparation

Ingredients Name	Content/%	CAS NO.	EC NO.	RISK PHRASES & CLASSIFICATION
Water	77	7732-18-5	231-791-2	Not classified
Sodium acetate	4.5	127-09-3	204-823-8	Not classified
Ethanol	13.6	64-17-5	200-578-6	F; R11
Polyoxyethylene ether	<2	NA	NA	NA
Ammonium acetate	<2	631-61-8	211-162-9	Not classified

**Note:** See Section 8 of MSDS for exposure limit data for these ingredients. Full text of risk phrases appearing in section 2: see section 16.



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### 4. FIRST AID MEASURES

- Skin contact:** Usually no first aid required. If irritation occurs, rinse with plenty of water and soap.
- Eye contact:** In case of contact with eyes, rinse immediately with plenty of water. Get medical aid if symptoms persist.
- Inhalation:** In case of inhaled, move to fresh air.
- Ingestion:** In case of ingestion, do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Wash mouth out with water. Get medical aid.
- Note to physicians:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Use agent most appropriate to extinguish surrounding fire
- Fire & Explosion Hazards:** This product is not flammable. This product is not explosive.
- Fire Fighting Equipment:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.
- Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:** None know.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Use personal protection equipment as specified in the Protective Equipment section of this MSDS.
- Environmental precautions:** If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
- Methods for cleaning up:** Increase ventilation. If possible contain the spill. Mop up material and transfer to a suitable container.

### 7. HANDLING AND STORAGE

- Handling:** Have eye wash facility readily available. Label containers. Wash hands after handle this product.
- Storage:** Store in a cool, dry area. Keep containers closed.

### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- Engineering controls:** Natural ventilation is enough when handle this product. Use local ventilation if necessary.
- Respiratory protection:** For most situations, no respiratory protection should be needed; however, in any fire, use



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an approved respirator.

**Skin protection:**

Usually no skin protection required. Wear glove when necessary.

**Eye protection:**

Usually no eye protection required. Wear safety glasses when necessary.

**Exposure guidelines**

**CAS# 64-17-5:**

United Kingdom, WEL - TWA: 1000 ppm TWA; 1920 mg/m<sup>3</sup> TWA

United Kingdom, WEL - STEL: 3000 ppm STEL; 5760 mg/m<sup>3</sup> STEL

United States OSHA: 1000 ppm TWA; 1900 mg/m<sup>3</sup> TWA

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless and transparent liquid

**Color:** Colorless

**Odor:** Weak odor

**Vapour Pressure:** N/A

**PH:** N/A

**Density (Water= 1):** N/A

**Ignition temperature:** N/A

**Explosion limits:** Lower: Not available

Upper: Not available

**Boiling Point:** N/A

**Freezing point:** N/A

**Flash Point:** > 80°C (test method: open cup)

**Melting point:** N/A

**Solubility in Water:** Soluble

**Viscosity:** N/A

### 10. STABILITY AND REACTIVITY

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

**Conditions to avoid:** Avoid contact with eyes.

**Hazardous decomposition products:** oxides of carbon

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity data**

No toxicity data available for this product. Following data are toxicity data of some ingredient for reference:

**CAS# 127-09-3:**

Draize test, rabbit, eye: 10 mg Mild;



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Draize test, rabbit, skin: 500 mg/24H Mild;

Inhalation, rat: LC50 = >30 gm/m<sup>3</sup>/1H;

Oral, mouse: LD50 = 6891 mg/kg;

Oral, rat: LD50 = 3530 mg/kg;

Skin, rabbit: LD50 = >10 gm/kg;

### CAS# 64-17-5:

Draize test, rabbit, eye: 500 mg/24H Mild;

Draize test, rabbit, skin: 20 mg/24H Moderate;

Inhalation, mouse: LC50 = 39 gm/m<sup>3</sup>/4H;

Inhalation, rat: LC50 = 20000 ppm/10H;

Oral, mouse: LD50 = 3450 mg/kg;

Oral, rabbit: LD50 = 6300 mg/kg;

Oral, rat: LD50 = 9000 mg/kg;

### Specific symptoms in animal studies

In case of ingestion: No data available

In case of skin contact: No data available

In case of inhalation: No data available

In case of eye contact: No data available

### Irritant and corrosive effects

**Skin:** Prolonged contact may cause irritation.

**Eye:** May irritate the eyes when contact with eyes.

### Carcinogenicity

Not listed as a carcinogen by ACGIH, IARC, NTP

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No ecotoxicity data available for this product. Following data are ecotoxicity data of some ingredient for reference:

### CAS# 127-09-3

Fish: Bluegill/Sunfish: LC50 = 5000 mg/L; 24 Hr.; Unspecified

Water flea Daphnia: EC50 = 5800 mg/L; 48 Hr.; Unspecified

### CAS# 64-17-5

Fish: Rainbow trout: LC50 = 12900-15300 mg/L; 96 Hr; Flow-through @ 24-24.3°C

Fish: Rainbow trout: LC50 = 11200 mg/L; 24 Hr; Fingerling (Unspecified)

Bacteria: Phytobacterium phosphoreum: EC50 = 34900 mg/L; 5-30 min; Microtox test

**Mobility:** Not determined.

**Biodegradability:** Not determined

**Issue date: 2007-12-10**



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**Bioaccumulation:** Not determined

### 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to relative regulations. Labels should not be removed from containers until they have been cleaned.

### 14. TRANSPORT INFORMATION

#### Land transport (ADR/RID/GGVSE):

**Class:** Not classified as dangerous goods  
**Classification Code:** N/A  
**UN-No.:** N/A  
**Packing group:** N/A  
**Hazard label:** N/A  
**Proper Shipping Name:** N/A

#### Sea transport (IMDG-Code/GGVSee):

**Class:** Not classified as dangerous goods  
**UN-No.:** N/A  
**Packing group:** N/A  
**Proper Shipping Name:** N/A  
**Marine Pollutant:** No

#### Air transport (ICAO-IATA/DGR):

**Class:** Not classified as dangerous goods  
**UN-No.:** N/A  
**Packing group:** N/A  
**Proper Shipping Name:** N/A

### 15. REGULATORY INFORMATION

#### European Labeling in Accordance with EC Directives

**Hazard Symbols:** -

**Risk Phrases:** -

**Safety Phrases:** -

The preparation is not hazardous according to EU regulation

#### United States



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**SARA:** Contains no chemicals subject to the reporting requirements of Sections 311/312/313.

## Inventory Status

Inventory	Status
Europe	One or more ingredients are listed on EINECS
United States	One or more ingredients are on TSCA
Canada	One or more ingredients are on DSL
Japan	One or more ingredients are on MITI
South Korea	One or more ingredients are on KECL
Australia	One or more ingredients are on AICS

## 16. OTHER INFORMATION

### Risk phrases in section 2:

R11: Highly flammable.

**Issue Date:** Dec.10, 2007

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

\* \* \* END OF MSDS \* \* \*