



MATERIAL SAFETY DATA SHEET

DATE: Feb 20, 2009

NUMBER: RJSSZ090266MSDSEU

IDENTITY (As Used on Label and List)

Product Name: Cleaning solution for screens and audio/video/digital/computer products and accessories (Isopropyl Alcohol Free)

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Manufacturer's Name:

Halloa Enterprise Co., Ltd

Address (Number, Street, City, State, and ZIP Code):

Building B1,Haoer Industrial Area Gonghe industrial Road, Shajing street ,Baoan Zone,Shenzhen China. (ZIP Code 518104)

Emergency Telephone Number: +86-755-27685380

Fax Number for Information: +86-755-27685379

Email: halloa42@halloa.com.tw

Contact Person: Wesley Wei

2 - HAZARDS IDENTIFICATION

HAZARDOUS INGREDIENTS:NONE UNDER 29 CFR 1910.1200

Routes of Entry: Inhalation, Skin, Ingestion

Reports of Carcinogenicity: NTP:NO IARC:NO OSHA:NO

Explanation of Carcinogenicity: NONE

NO CHEMICAL IN THIS FORMULA IS CONSIDERED HAZARDOUS AS DEFINED BY THE FEDERAL GOVERNMENT'S S.A.R.A, TITLE III, SECTION 313, PART 372.

ALL INFORMATION ON THIS SHEET IS TO SATISFY INSURANCE REQUIREMENTS AND IS FOR THE BENEFIT OF OUR CUSTOMERS.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component	Chemical Name	Cas No.	EC#	Percent
HOLOF LF-01 SURFACTANT	Alcohols,C8-18, ethoxylated	68439-51-0	N/A	0.05%
	Copolymer of ethylene oxide and Propylene oxide	9042-19-7 and 25322-68-3.	N/A	

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141-04 14th Avenue, Whitestone, New York 11357, USA.



	Alcohols, C8-18	126950-60-5	N/A	
	Polyalkylene glycol	9041-33-2	N/A	
	Ethoxylated	84133-50-6	N/A	
Surfactant	Polyethylene glycol	25322-68-3	N/A	0.05%
	C12-14 Secondary alcohol	126950-60-5	N/A	
	Water	7732-18-5	N/A	
Antiseptic agent	5-Chloro-2-methyl-4-isothiazolin-3-one 34-20/21/22-43	26172-55-4	247-500-7	0.10%
	2-Methyl-4-isothiazolin-3-one 34-20/21/22-43	2682-20-4	220-239-6	
	Water	7732-18-5	231-791-2	
Distilled water	Water	7732-18-5	231-791-2	99.80%

4 - FIRST AID MEASURES

Eye Contact:

Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally to remove particles.

Skin Contact:

Wash exposed area with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse.

Inhalation: Remove to fresh air.

Ingestion:

Induce vomiting if very large quantities are swallowed. Get medical attention.

5 - FIRE FIGHTING MEASURES

Fire Hazard Summary:

This material is nonflammable.

Extinguishing Media:

Water spray.

Unusual Fire and Explosion Hazards:

Closed containers exposed to heat may rupture.



6 - ACCIDENTAL RELEASE MEASURES

Methods for cleaning up:

Sweep up. Clean surface thoroughly to remove residual contamination.

Neutralizing Agent:

None specified by manufacturer.

7 - HANDLING AND STORAGE

Personal Precautions:

No special precaution measures required in normal use.

Prevention of Fire and Explosion:

No special technical protective measures required in normal use.

Storage:

Store in a cool, well ventilated area away from all source of ignition and out of direct sunlight. Keep container tightly closed. Protect from physical damage. Minimize exposure to air. Avoid sparks, flames and other ignition sources. Put it lightly when packing and transport, prevent the packing and container from damage.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Controls: Not established

Medical Aggravated by Exposure: None.

Respiratory Protection: None should be needed in normal use.

Eye Protection: None should be needed in normal use.

Skin and Body Protection: None should be needed in normal use.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Liquid.

Odor: N/A.

Water Solubility: The liquid is completely soluble.

10 - STABILITY AND REACTIVITY

Stability:

The product is considered stable under normal conditions.

Incompatibility:



Avoid contact with decolourants and strong oxidizers. Avoid heat, sparks and flame.

Hazardous Polymerization:

Hazardous polymerization does not occur.

Conditions to Avoid:

Direct sunlight, excessive heat and physical damage.

Corrosive to Metals:

Not corrosive.

11 - TOXICOLOGICAL INFORMATION

Carcinogenicity:

IARC: Not established.

National Toxicology Program: Not established.

OSHA: Not established.

Reproduction Toxicity: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic Products: Not available.

12 - ECOLOGICAL INFORMATION

Environmental Toxicity:

On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Discharge, treatment, or disposal is subject to national, state, provincial, or municipal laws. Consult state or local regulatory authorities before flushing to sewer with large amounts of water.

14 - TRANSPORT INFORMATION

DOT Proper Shipping Name: Not regulated.

Packing Group: III (minor danger).

TDG Classification: Non-regulated Material.

Hazard Class: Not regulated.

Identification Number: Not applicable.

IMO: Not regulated.



IATA/ICAO Class: Not regulated.

UN Hazard Codes: Not regulated.

The regulations may change from time to time. Please consult the most recent version of the relevant regulations.

15 - REGULATORY INFORMATION

NFPA Hazard Code:

Health hazard rating is 0.

Fire hazard is 0.

Reactivity rating is 0.

Special Hazard: None

For details regulations you should contact the appropriate agency in your country.

16 - OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

NOTE

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. RJS Standard Testing & Certification Center makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating there to. The data is offered solely for your consideration, investigation, and verification. RJS Standard Testing & Certification Center assumes no legal responsibility for use or reliance upon this data.