



## Material Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 3M(TM) Electronic Equipment Wipes #CL610 and 3M(TM) Notebook Screen Cleaning Wipes #CL630

**MANUFACTURER:** 3M

**DIVISION:** Office Supplies Division

**ADDRESS:** 3M Center  
St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

**Issue Date:** 07/28/09

**Supersedes Date:** 06/08/03

**Document Group:** 18-5135-1

**Product Use:**

Intended Use: Office cleaner

Specific Use: Premoistened wipes for cleaning computer equipment

### SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Water	7732-18-5	80 - 95
Isopropyl Alcohol	67-63-0	10 - 20
Surfactants	Trade Secret	0 - 5

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Specific Physical Form:** paper tissues saturated with liquid

**Odor, Color, Grade:** white tissue, alcohol smell

**General Physical Form:** Liquid

**Immediate health, physical, and environmental hazards:** Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back. Flammable solid. May cause target organ effects.

## **3.2 POTENTIAL HEALTH EFFECTS**

### **Eye Contact:**

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### **Skin Contact:**

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

### **Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May be absorbed following inhalation and cause target organ effects.

### **Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

### **Target Organ Effects:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

## **SECTION 4: FIRST AID MEASURES**

### **4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention. No need for first aid is anticipated.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention. No need for first aid is anticipated.

**If Swallowed:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention. No need for first aid is anticipated.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 FLAMMABLE PROPERTIES

Autoignition temperature	No Data Available
Flash Point	56 °C [Test Method: Estimated]
Flammable Limits - LEL	2 % volume
Flammable Limits - UEL	12 % volume

### 5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

### 5.3 PROTECTION OF FIRE FIGHTERS

**Special Fire Fighting Procedures:** Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back. Flammable solid.

**Note:** See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:** Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

**In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.**

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. No smoking while handling this material. Avoid contact with oxidizing agents.

### 7.2 STORAGE

Store away from acids. Store away from heat. Store out of direct sunlight. Keep container in well-ventilated area. Store away from oxidizing agents.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 ENGINEERING CONTROLS**

Use in a well-ventilated area.

### **8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

#### **8.2.1 Eye/Face Protection**

Avoid eye contact.

#### **8.2.2 Skin Protection**

Avoid prolonged or repeated skin contact.

#### **8.2.3 Respiratory Protection**

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### **8.2.4 Prevention of Swallowing**

Wash hands after handling and before eating.

### **8.3 EXPOSURE GUIDELINES**

<b><u>Ingredient</u></b>	<b><u>Authority</u></b>	<b><u>Type</u></b>	<b><u>Limit</u></b>	<b><u>Additional Information</u></b>
Surfactants	ACGIH	TWA	100 ppm	Skin Notation*
Surfactants	ACGIH	STEL	150 ppm	Skin Notation*
Surfactants	CMRG	TWA	10 ppm	
Surfactants	CMRG	STEL	75 ppm	
Surfactants	OSHA	TWA	100 ppm	Skin Notation*; Table Z-1A
Surfactants	OSHA	STEL	150 ppm	Skin Notation*; Table Z-1A
Isopropyl Alcohol	ACGIH	TWA	200 ppm	Table A4
Isopropyl Alcohol	ACGIH	STEL	400 ppm	Table A4
Isopropyl Alcohol	OSHA	TWA	400 ppm	Table Z-1A
Isopropyl Alcohol	OSHA	STEL	500 ppm	Table Z-1A

\* Substance(s) refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

#### **SOURCE OF EXPOSURE LIMIT DATA:**

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Specific Physical Form:	paper tissues saturated with liquid
Odor, Color, Grade:	white tissue, alcohol smell
General Physical Form:	Liquid
Autoignition temperature	<i>No Data Available</i>
Flash Point	56 °C [ <i>Test Method</i> : Estimated]
Flammable Limits - LEL	2 % volume
Flammable Limits - UEL	12 % volume
Boiling point	100 °C

Vapor Pressure 43 mmHg [@ 20 °C]

Specific Gravity 1 g/ml [*Ref Std*: WATER=1]  
pH *No Data Available*

Solubility in Water Complete

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:** Sparks and/or flames

**Hazardous Polymerization:** Hazardous polymerization will not occur.

### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

## SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

Not determined.

### CHEMICAL FATE INFORMATION

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

**EPA Hazardous Waste Number (RCRA):** D001 (Ignitable)

Since regulations vary, consult applicable regulations or authorities before disposal.

## SECTION 14: TRANSPORT INFORMATION

**ID Number(s):**

70-0712-0612-5, 70-0713-5718-3

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

Contact 3M for more information.

#### 311/312 Hazard Categories:

Fire Hazard - Yes   Pressure Hazard - No   Reactivity Hazard - No   Immediate Hazard - Yes   Delayed Hazard - No

**This material contains a chemical which requires export notification under TSCA Section 12[b]:**

<u><b>Ingredient (Category if applicable)</b></u>	<u><b>C.A.S. No</b></u>	<u><b>Regulation</b></u>	<u><b>Status</b></u>
Surfactants	Trade Secret	Toxic Substances Control Act (TSCA) 4 Test Rule Chemicals	Applicable

### STATE REGULATIONS

Contact 3M for more information.

### CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

Contact 3M for more information.

## **INTERNATIONAL REGULATIONS**

Contact 3M for more information.

**WHMIS:** Hazardous

**This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

## **SECTION 16: OTHER INFORMATION**

### **NFPA Hazard Classification**

**Health:** 1 **Flammability:** 2 **Reactivity:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

### **HMIS Hazard Classification**

**Health:** 1 **Flammability:** 2 **Reactivity:** 0 **Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS(r)) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS(r) ratings are to be used with a fully implemented HMIS(r) program. HMIS(r) is a registered mark of the National Paint and Coatings Association (NPCA).

### **Revision Changes:**

Section 1: Product name was modified.

Section 1: Product use information was modified.

Section 16: NFPA hazard classification heading was modified.

Section 16: HMIS hazard classification heading was modified.

Section 16: NFPA hazard classification for health was modified.

Section 16: HMIS hazard classification for health was modified.

Section 1: Division name was modified.

Copyright was modified.

Section 3: Potential effects from eye contact was modified.

Section 3: Potential effects from skin contact information was modified.

Section 3: Potential effects from inhalation information was modified.

Section 3: Potential effects from ingestion information was modified.

Section 5: Fire fighting procedures information was modified.

Section 5: Unusual fire and explosion hazard information was modified.

Section 6: Release measures information was modified.

Section 7: Storage information was modified.  
Section 13: Waste disposal method information was modified.  
Section 15: 311/312 hazard categories heading was modified.  
Section 15: International regulations information was modified.  
Section 15: State regulations information was modified.  
Section 15: US federal regulations information was modified.  
Section 15: WHMIS regulations information was modified.  
Section 10: Hazardous polymerization heading was modified.  
Section 16: HMIS explanation was modified.  
Section 16: NFPA explanation was modified.  
Page Heading: Product name was modified.  
Section 15: 311/312 Immediate Hazard score was modified.  
Section 15: Inventories information was modified.  
Section 12: Ecotoxicological information heading was modified.  
Section 12: Chemical fate information heading was modified.  
Section 16: NFPA hazard classification for special hazards was modified.  
Section 12: Ecotoxicological phrase was modified.  
Section 12: Chemical Fate phrase was modified.  
Section 3: Other potential health effects heading was added.  
Section 4: First aid for skin contact - decontamination - was added.  
Section 4: First aid for skin contact - medical assistance - was added.  
Section 4: First aid for inhalation - termination of exposure - was added.  
Section 4: First aid for inhalation - medical assistance - was added.  
Section 4: First aid for ingestion (swallowing) - decontamination - was added.  
Section 4: First aid for ingestion (swallowing) - intervention - was added.  
Section 4: First aid for ingestion (swallowing) - medical assistance - was added.  
Section 3: Immediate other hazard(s) was added.  
Section 3: Other health effects information was added.  
Section 2: Ingredient phrase was added.  
Section 14: ID Number Heading Template 1 was added.  
Section 14: ID Number(s) Template 1 was added.  
Section 2: Ingredient table was added.  
Section 15: TSCA section 12[b] text was added.  
Section 8: Exposure guidelines ingredient information was added.  
Section 8: Exposure guideline note was added.  
Section 15: TSCA section 12[b] information was added.  
Section 8: Exposure guidelines data source legend was added.

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## Transport Information Document

**Date:** March 02, 2011

**3M ID Number:** 70-0713-5718-3

**Product Description:** 3M(TM) Notebook Screen Cleaning Wipes CL630, 6 in x 6.25 in x 1 in

**Transport Protective Service:** PROTECTIVE SERVICE NOT REQUIRED

**NMFC Item:** 149240

**NMFC Sub:** 06

**NMFC Class:** 100.0

**Flash Point (Closed-cup):** No Flash Point

### UNITED STATES DEPARTMENT OF TRANSPORTATION - GROUND (U.S. DOT, 49 CFR)

NOT RESTRICTED, AS PER SPECIAL PROVISION 47

### UNITED STATES DEPARTMENT OF TRANSPORTATION - VESSEL (U.S. DOT, 49 CFR)

NOT RESTRICTED, AS PER SPECIAL PROVISION 47

### INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

NOT RESTRICTED, AS PER SPECIAL PROVISION A46

### INTERNATIONAL MARITIME ORGANIZATION (IMO)

NOT RESTRICTED, AS PER SPECIAL PROVISION 216

The classification is authorized by the Competent Authority of the United States of America and may not meet the requirements of other competent authorities.

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