



3M Canada Company  
1840 Oxford Street East, Post Office Box 5757  
London, Ontario N6A 4T1  
Medical Emergency Telephone: (519) 451-2500, Ext. 2222  
Transportation Emergency Telephone (CANUTEC): (613) 996-6666

Material Safety Data Sheet

Document id : 20-9960-4 Issue date : 2006/04/04  
Version : 3.00 Supersedes date : 2006/03/27

Copyright, 1997, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Prepared by: Corporate Regulatory Services, 3M Canada Company  
Telephone: (800) 364-3577, Fax: (800) 603-7758, Web Site: [www.3M.ca](http://www.3M.ca)

1 Product Identification

Tradename:  
3M(TM) INSTRUMENT CLEANING CREAM  
Product ID:  
CT-0608-7970-8  
Intended Use of Product:  
Industrial use  
Division:  
ZD - 3M Canada Company

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
THICKENING AGENT	Trade Secret	77 - 78
WATER	7732-18-5	15 - 17
ORGANIC ACID	Trade Secret	3 - 5
MINERAL COLLOID	Trade Secret	1 - 2
IONIC SURFACTANT	Trade Secret	1 - 2
MINERAL SCRUBBER	Trade Secret	0.1 - 0.3
MINERAL SCRUBBER	Trade Secret	0.1 - 0.3

NOTE:  
THICKENING AGENT  
ORGANIC ACID  
MINERAL COLLOID

IONIC SURFACTANT  
MINERAL SCRUBBER

are all Trade Secret materials. See section 15 for further details.  
Each percentage is expressed as the ratio of the weight of the  
ingredient to the weight of the controlled product.

---

### 3 Hazards Identification

---

#### Critical Hazards:

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

Moderate Skin Irritation: Signs/symptoms can include localized  
redness, swelling, itching, and dryness.

See Sections 7 and 11 for further information.

---

### 4 First Aid Measures

---

#### Instructions for Eye Contact:

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

#### Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with  
large amounts of water. Get medical attention. Wash contaminated  
clothing and clean shoes before reuse.

#### Instructions for Inhalation:

Remove person to fresh air. If signs/symptoms develop, get medical  
attention.

#### Instructions for Ingestion:

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.

---

### 5 Fire Fighting Measures

---

Flash point: Not applicable

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Autoignition temperature: Not Available

#### Suitable Extinguishing Media:

Ordinary combustible material. Use fire extinguishers with class A  
extinguishing agents (e.g., water, foam).

#### Exposure Hazards during Fire:

No data available.

#### Combustion Products from Fire:

Carbon monoxide - During Combustion;

Carbon dioxide - During Combustion;

Oxides of Sulfur - During Combustion;

---

Fire Fighting Procedures:

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health	2
NFPA: Fire	1
NFPA: Reactivity	0
NFPA: Unusual Reaction Hazard	none

## Special Instructions:

Not applicable.

---

6 Accidental Release Measures

---

## Personal Precautions:

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill.

## Spill Response:

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. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with detergent and water. Seal the container. Place in a closed container approved for transportation by appropriate authorities.

---

7 Handling and Storage

---

## Storage Requirements:

Keep from freezing.

## Incompatible Materials:

Store away from heat;

## Ventilation:

No data available.

## Use Instructions:

For industrial or professional use only.

---

---

8 Exposure Controls/Personal Protection

---

---

---

Personal Protection

---

## Eye Protection:

Avoid eye contact with vapours, mists, or spray. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Indirect vented goggles;

## Hand Protection:

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

## Skin Protection:

Avoid skin contact.

## Respiratory Protection:

Avoid breathing of vapours, mists or spray. Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations: Half facepiece or fullface air-purifying respirator with N95 particulate prefilters;

## Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

## Recommended Ventilation:

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

---

Ingredient Exposure Data

---

## THICKENING AGENT (Trade Secret)

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

## Exposure Limits

No data available.

## WATER (7732-18-5)

LD50 (rat, oral) > 90 ml/kg

LC50 (rat, inhalation/4 hours) No data available.

## Exposure Limits

No data available.

## ORGANIC ACID (Trade Secret)

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

## Exposure Limits

No data available.

## MINERAL COLLOID (Trade Secret)

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

## Exposure Limits

No data available.

## IONIC SURFACTANT (Trade Secret)

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

## Exposure Limits

No data available.

## MINERAL SCRUBBER (Trade Secret)

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

## Exposure Limits

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

## Exposure Limits

No data available.

## 9 Physical and Chemical Properties

Physical form, Color, Odour:

Liquid; paste; greenish-grey;  
mild odour;

Odour Threshold:

No data available.

pH:

Not applicable

Boiling point/boiling range:

Not applicable

Melting point/melting range:

Not applicable

Vapour pressure:

Not Available

Water Solubility:

Slight

Specific gravity:

Not applicable

Vapour density:

Not applicable

Volatile organic compounds:

Not Available

Evaporation rate:

No data available.

Viscosity:

No data available.

Percent Volatile:

Not Available

## 10 Stability and Reactivity

Conditions to Avoid:

Store away from heat;

Materials to Avoid:

None known.

Hazardous Decomposition:

Carbon monoxide - During Combustion;

Carbon dioxide - During Combustion;

---

Oxides of Sulfur - During Combustion;  
Stability and Reactivity:  
Stable. Hazardous polymerization will not occur.

---

---

## 11 Toxicological Information

---

### Effects from Eye Contact:

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

### Effects from Skin Contact:

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

### Effects from Inhalation:

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

### Effects from Ingestion:

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

### Sensitization Information:

No data available.

### Carcinogenicity:

No data available.

### Mutagenicity:

No data available.

### Reproductive Effects:

No data available.

### Component Based Information:

No data available.

### Product Based Information:

No data available.

---

## 12 Ecological Information

---

### Environmental Data:

#### Ecotoxicity Data:

Not determined.

#### Ecofate Data:

Not determined.

---

---

13 Disposal Considerations

---

## Product as Sold:

Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

## Product Packaging:

No data available.

## Special Instructions:

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

---

---

14 Transportation Information

---

Transportation of Dangerous Goods

---

## TDG Classification:

Non-Regulated Material

## Special Information:

Contact 3M for more information.

---

International Dangerous Goods Classification

---

---

---

15 Regulatory Information

---

## WHMIS Classification:

D2B

## HMIRC Registry Number:

6551

## Filing Date:

March 24, 2006

## NOTE:

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

## Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

CICS - Chinese Inventory of Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

KECI - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

---

---

16 Other Information

---

## Reason for Reissue:

The following Sections and topics have been updated or revised:

Added product id(s) to the MSDS;

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

---End---