

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	: 10-0157-7	Issue date	: 2011/06/06
Version	: 13.00	Supersedes date	: 2008/06/05

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

1 Chemical Product and Company Identification

Tradename:

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Product ID:

70-0701-7945-5 70-0704-0450-7 70-0061-3328-7 70-0160-6830-9

70-0709-0857-2 70-0711-2910-3

Intended Use of Product:

AEROSOL FOAM CLEANER FOR OFFICE SURFACES

Division:

STATIONERY & OFFICE SUPPLIES

2 Hazards Identification

Critical Hazards:

Contents under pressure.

Container may explode if heated.

Flammable liquid and vapour.

See Sections 7 and 11 for further information.

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 2 of 9 □

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	86 - 92
ISOBUTANE PROPELLANT	75-28-5	5 - 8
ISOPROPYL ALCOHOL	67-63-0	3 - 5
ETHOXYLATED TALL-OIL FATTY ACIDS	61791-00-2	1 - 3
SODIUM CARBONATE	497-19-8	0.1 - 1.0
ETHANOLAMINE	141-43-5	0.1 - 0.5

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

4 First Aid Measures

Instructions for Eye Contact:

Flush eyes with large amounts of water for at least 20 minutes or until chemical is removed. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 20 minutes or until chemical is removed. Wash contaminated clothing and clean shoes before reuse. Get medical attention.

Instructions for Inhalation:

Remove person to fresh air. Get immediate medical attention.

Instructions for Ingestion:

No need for first aid is anticipated.

5 Fire Fighting Measures

Flash point:	-1.11 C OC D92
Lower Explosive Limit (%):	□ 1.8 %
Upper Explosive Limit (%):	□ 8.4 % (ISOBUTANE)
Autoignition temperature:	Not Available
Flammability (solid,gas):	The aerosol spray product was tested for flashback and flame projection in accordance with the test methods set out in the Canadian Hazardous Products Act (Controlled Products

□

Regulations - Schedule 1).
Per the test methods there was no evidence of flame projection or flashback.

Suitable Extinguishing Media:

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

Exposure Hazards during Fire:

Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

Combustion Products from Fire:

Hydrocarbons - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;

Unusual Fire and Explosion Hazards

None known.

Fire Fighting Procedures:

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

NFPA: Health 0

NFPA: Fire 3

NFPA: Reactivity 0

NFPA: Unusual Reaction Hazard

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.

6 Accidental Release Measures

Personal Precautions:

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.

Environmental Procedures

No data available.

Methods for cleaning up

No data available.

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 4 of 9 □

Spill Response:

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. 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. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR - AFFF type foam is recommended. 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. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with detergent and water. Collect the resulting residue containing solution. Place in an approved metal container. Seal the container. Dispose of collected material as soon as possible.

7 Handling and Storage

Storage Requirements:

No data available.

Incompatible Materials:

Store away from heat; Store out of direct sunlight. Sparks and/or Flames; Store away from acids; Store away from oxidizing agents.

Ventilation:

Keep container in well-ventilated area.

Fire Prevention:

Aerosol container contains flammable gas under pressure. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. No smoking while handling this material. Do not spray near flames or sources of ignition.

Explosion Prevention:

Flammable liquid and vapour. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Do not puncture. Do not burn or incinerate.

Static Prevention:

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 5 of 9 □

Avoid static discharge.

Use Instructions:

Contents may be under pressure, open carefully. Keep container tightly closed. Avoid contact with oxidizing agents.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray.

Skin Protection:

Avoid prolonged or repeated skin contact. Gloves not normally required.

Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. Avoid breathing of vapours, mists or spray.

Ingestion (Prevention):

Keep out of the reach of children.

Recommended Ventilation:

Do not use in a confined area or areas with little or no air movement.

Ingredient Exposure Data

WATER (7732-18-5)

LD50 (rat, oral)	> 90 ml/kg
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	

ISOBUTANE PROPELLANT (75-28-5)

Specific Ingredient Data	
No data available.	
LD50 (rat, oral)	No data available.
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
ACGIH: TWA 1000 ppm	

ISOPROPYL ALCOHOL (67-63-0)

LD50 (rat, oral)	5045 mg/kg
LD50 (dermal, rabbit)	□ 12800 mg/kg
LC50 (rat, inhalation/4 hours)	□ 17000 ppm
Exposure Limits	
ACGIH: TWA 200 ppm (Table A4)	
ACGIH: STEL 400 ppm (Table A4)	

ETHOXYLATED TALL-OIL FATTY ACIDS (61791-00-2)

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 6 of 9 □

Specific Ingredient Data

No data available.	
LD50 (rat, oral)	No data available.
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	

SODIUM CARBONATE (497-19-8)

LD50 (rat, oral)	4090 mg/kg
LC50 (rat, inhalation/4 hours)	1150 mg/m3
Exposure Limits	
No data available.	

ETHANOLAMINE (141-43-5)

LD50 (rat, oral)	1720 mg/kg
LD50 (dermal, rabbit)	1 ml/kg (1018 mg/kg)

LC50 (rat, inhalation/4 hours) No data available.
 Exposure Limits
 ACGIH: TWA 3 ppm
 ACGIH: TWA 7.5 mg/m3
 ACGIH: STEL 6 ppm
 ACGIH: STEL 15 mg/m3

9 Physical and Chemical Properties

Physical form,Color,Odour:	Liquid; Foam; White; lemon odour;
Odour Threshold:	No data available.
pH:	10 12
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not applicable
Flammability (solid,gas):	The aerosol spray product was tested for flashback and flame projection in accordance with the test methods set out in the Canadian Hazardous Products Act (Controlled Products Regulations - Schedule 1). Per the test methods there was no evidence of flame projection or flashback.
Vapour pressure:	31 - 43 psi @ 21 C aerosol can pressure
Water Solubility:	□ 100 %
Specific gravity:	Approximately 1 Water=1
Vapour density:	Not Available
Volatile organic compounds:	55 - 115 gms/liter
Evaporation rate:	>= 1 Water=1 product as

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 7 of 9 □

Viscosity:	applied (without propellant)
Percent Volatile:	Not applicable
	96 - 98 % by weight

10 Stability and Reactivity

Conditions to Avoid:
 Store away from heat; Store out of direct sunlight. Sparks and/or Flames;

Materials to Avoid:
 Store away from acids; Store away from oxidizing agents.

Hazardous Decomposition:
 Hydrocarbons - During Combustion;
 Carbon monoxide - During Combustion;
 Carbon dioxide - During Combustion;

Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Effects from Inhalation:

Prolonged or repeated exposure may cause: Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

No health effects are expected.

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.

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 8 of 9 □

12 Ecological Information

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

13 Disposal Considerations

Product as Sold:

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. The facility should be equipped to handle gaseous waste. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

Product after Use:

Do not puncture or burn cans in a household incinerator.

Product Packaging:

No data available.

Special Instructions:

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

14 Transport Information

Transportation of Dangerous Goods

TDG Classification:	Consumer Commodity
Class/Division:	2.2

Special Information:: Contact 3M for more information.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

□

3M BRAND DESK AND OFFICE CLEANER 573 (INACTIVE)

Page 9 of 9 □

15 Regulatory Information

WHMIS Classification:	Exempt (Consumer Product)
-----------------------	---------------------------

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)

EINECS - European Inventory of Existing 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:
Update Tradename (Obsolete product)

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---

□