** MSDS Record Number 2761113 **

** IDENTIFICATION **

** MSDS RECORD NUMBER **: 2761113
** PRODUCT NAME(S) **: 3M BRAND DESK AND OFFICE CLEANER 573
** PRODUCT IDENTIFICATION **: Document No.: 10-0157-7
                        Product ID:
                        70-0701-7945-5 70-0704-0450-7 70-0061-3328-7 70-0160-6830-9
                        70-0709-0857-2
** DATE OF MSDS **: 2000-08-23
** CURRENCY NOTE **: This MSDS was provided to CCOHS in electronic form on 2001-06-25

** MANUFACTURER INFORMATION **

** MANUFACTURER **: 3M CANADA COMPANY
** ADDRESS **: POST OFFICE BOX 5757
                 LONDON ONTARIO
                 CANADA N6A 4T1
                 Telephone: 519-451-2500
** EMERGENCY TELEPHONE NO. **: 519-451-2500 EXT 2222 (Medical)

** MANUFACTURER NOTE **: FOR FURTHER INFORMATION PLEASE CONTACT VIVIAN COTHROS, SPECIALIST,
                          REGULATORY AFFAIRS, 519-452-4669.

** MATERIAL SAFETY DATA **

3M Canada Company
Post Office Box 5757
London, Ontario N6A 4T1
Medical Emergency Telephone: (519) 451-2500, Ext. 2222
===============================================================================
Material Safety Data Sheet
===============================================================================
Document id: 10-0157-7  Issue date: 08/23/2000
Version: 8.00  Supersedes date: 02/18/1999
Prepared by: Environmental Health and Safety Services Department, 3M
Canada Company.
Telephone: (519) 452-6102, Fax: (519) 452-6015.

1 Product Identification

Tradename:
3M BRAND DESK AND OFFICE CLEANER 573
Product ID:
  70-0701-7945-5  70-0704-0450-7  70-0061-3328-7  70-0160-6830-9
  70-0709-0857-2
Intended Use of Product:
Cleaner;
Division:
STATIONERY & OFFICE SUPPLIES

2 Composition/Information on Ingredients
### Ingredient Name | CAS Number | Percentage
--- | --- | ---
WATER | 7732-18-5 | 86.0 - 92.0
ISOBUTANE PROPELLANT | 75-28-5 | 1.2 - 7.3
ISOPROPYL ALCOHOL | 67-63-0 | 3.8 - 4.1
ETHOXYLATED TALL-OIL FATTY ACIDS | 61791-00-2 | 1.8 - 2.2
SODIUM CARBONATE | 497-19-8 | 0.4 - 0.6
ETHANOLAMINE | 141-43-5 | 0.1 - 0.3

### 3 Hazards Identification

Critical Hazards
- Pressurized container
See Sections 7 and 11 for further information.

### 4 First Aid Measures

**Instructions for Eye Contact:**
- Immediately flush eyes with large amounts of water. Get immediate medical attention.

**Instructions for Skin Contact:**
- No need for first aid is anticipated.

**Instructions for Inhalation:**
- If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

**Instructions for Ingestion:**
- No need for first aid is anticipated.

### 5 Fire Fighting Measures

**Flash point:**
- Approximately -11.1 C OC

**Lower Explosive Limit (%):**
- 1.80 %

**Upper Explosive Limit (%):**
- 8.40 % (ISOBUTANE)

**Autoignition temperature:**
- Not Available.

**Suitable Extinguishing Media:**
- Water spray; Carbon Dioxide; Dry chemical; Foam;

**Exposure Hazards during Fire:**
- Closed containers exposed to heat from fire may build pressure and explode.

**Combustion Products from Fire:**
- None known.

**Fire Fighting Procedures:**
- Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. Aerosol spray container; Pressurized container

### 6 Accidental Release Measures

**Personal Precautions:**
- No data available.

**Spill Response:**
- Cover with absorbent material. Place in an approved metal container.

**Methods for Disposal:**
- Facility must be capable of handling aerosol cans. Dispose of empty cans in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

### 7 Handling and Storage

**Storage Requirements:**
- Store at temperatures below 120 degrees F (49 degrees C).

**Incompatible Materials:**
- Store out of direct sunlight.

**Fire Prevention:**
- Aerosol container contains flammable gas under pressure. No smoking
while handling this material. Do not spray near flame or incandescent material.

Explosion Prevention:
Keep away from heat, sparks, open flame, and other sources of ignition.

Static Prevention:
Avoid static discharge.

Use Instructions:
Do not pierce or burn container, even after use.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:
Avoid eye contact with vapour, spray, or mist.

Skin Protection:
Avoid prolonged or repeated skin contact.

Respiratory Protection:
Not applicable.

Ingestion (Prevention):
Wash hands after handling and before eating. Keep out of the reach of children.

Recommended Ventilation:
Use in a well-ventilated area.

Ingredient Exposure Data

WATER (7732-18-5)
LD50 (rat, oral): > 90 ml/kg

ISOBUTANE PROPELLANT (75-28-5)
LC50 (rat, inhalation): 570,000 ppm 15 minutes
PIN (Product Identification Number): UN 1969
ACGIH TLV-TWA: 800 ppm / 1900 mg/m3

ISOPROPYL ALCOHOL (67-63-0)
LD50 (rat, oral): 4710 mg/kg
LC50 (rat, inhalation/4 hours): 17000 ppm
PIN (Product Identification Number): 1219
Ontario TWAEV: 400 ppm 980 mg/m3
Ontario STEV: 500 ppm 1225 mg/m3
ACGIH TLV-TWA: 400 ppm 985 mg/m3
ACGIH TLV-STEEL: 500 ppm 1230 mg/m3

ETHOXILATED TALL-OIL PATTY ACIDS (61791-00-2)
Specific Ingredient Data: No data available.

SODIUM CARBONATE (497-19-8)
LD50 (rat, oral): 4090 mg/kg
LC50 (rat, inhalation/4 hours): 1150 mg/m3
Specific Ingredient Data: LC50 (male, guinea pig): 400 mg/m3 (4 hours)

ETHANOLAMINE (141-43-5)
LD50 (rat, oral): 1720 mg/kg
PIN (Product Identification Number): 2491
Ontario TWAEV: 3 ppm 7.5 mg/m3
Ontario STEV: 6 ppm 15 mg/m3
ACGIH TLV-TWA: 3 ppm 7.5 mg/m3
ACGIH TLV-STEEL: 6 ppm 15 mg/m3

9 Physical and Chemical Properties

Physical form, Color, Odour: Foam; white; lemon odour;
Odour Threshold: No data available.

pH: 10.00 - 12.00

Boiling point/boiling range: Not applicable.
Melting point/melting range: Not Available.
Vapour pressure: 31 - 43 psi @ 21 C aerosol can pressure
Water Solubility: 100.00 g/100 g
Partition coefficient (K o/w): No data available.
Specific gravity: Approximately 1.000 Water=1
Vapour density: Not Available.
Volatile organic compounds: Not Available.
Evaporation rate: > 1.00 Water=1 product as applied (without propellant)
Viscosity: Not applicable

10 Stability and Reactivity

Conditions to Avoid:
None known.
Materials to Avoid:
Not applicable.
Hazardous Decomposition:
Carbon monoxide and carbon dioxide; Hydrocarbons;
Stability and Reactivity:
Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:
Mild eye irritation; signs/symptoms can include redness, swelling, pain, and tearing. (pH: 10 - 12)
Effects from Skin Contact:
No adverse health effects are expected from skin contact.
Effects from Inhalation:
Prolonged or repeated exposure may cause irritation (upper respiratory); signs/symptoms can include soreness of the nose and throat, coughing and sneezing.
Effects from Ingestion:
No adverse health effects are expected from swallowing.
Sensitization Information:
No data available.
Carcinogenicity:
No data available.
Mutagenicity:
No data available.
Reproductive Effects:
No data available.

12 Ecological Information

Ecotoxicity Data:
No data available.
Other Effects and Information:
No data available.

13 Disposal Considerations

Product as Sold:
No data available.
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 Transportation Information

Transportation of Dangerous Goods

TDG Classification: Consumer Commodity
International Dangerous Goods Classification

IMO Class: No data available.
ICAO Class: No data available.

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)
TSCA - Toxic Substances Control Act (USA)
EINECS - European Inventory of Existing Commercial Chemical Substances

16 Other Information

Reason for Reissue:
The following Sections and topics have been updated or revised:
Section 9 - Physical and Chemical Properties; Section 15 -
Regulatory Information: Product Certifications

Copyright, 1997, Minnesota Mining and Manufacturing 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.
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---

©2001 Canadian Centre for Occupational Health & Safety