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 * M S D S *
 *
 * Canadian Centre for Occupational Health and Safety *
 * * * * * (February, 2002) *

*** IDENTIFICATION ***

MSDS RECORD NUMBER : 2761385
 PRODUCT NAME(S) : 3M BRAND STAINLESS STEEL CLEANER & POLISH
 PRODUCT IDENTIFICATION : Document No.: 10-2819-0
 Product ID:
 61-5000-0318-3 61-5000-0869-5 61-5000-6132-2 61-5001-0835-4
 FZ-0100-0672-9 FZ-0100-0673-7 96-0000-0064-4 FN-5100-3744-6
 FS-9100-2648-3 FS-9100-2649-1 FS-9100-2649-3 70-0708-4135-1
 70-0708-4270-6 70-0709-7689-2
 DATE OF MSDS : 2000-04-12
 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 : 10-2819-0 Issue date : 04/12/2000
 Version : 5.00 Supersedes date : 06/10/1999
 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 STAINLESS STEEL CLEANER & POLISH
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 70-0708-4270-6 70-0709-7689-2
 Intended Use of Product:

Cleaner;
Division:
COMMERCIAL CARE DIVISION

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	40 - 70
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	15 - 40
ISOBUTANE	75-28-5	7 - 13
SORBITAN OLEATE	1338-43-8	1 - 5
ETHANOLAMINE	141-43-5	0.1 - 1

3 Hazards Identification

Critical Hazards
None known.
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:
Flush skin with large amounts of water. If irritation persists, get medical attention.

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: Liquid: Not applicable
Propellent : < -17.8 C

Lower Explosive Limit (%): Not Available.
Upper Explosive Limit (%): Not Available.
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. Aerosol container contains gas under pressure.

Combustion Products from Fire:
Carbon monoxide and carbon dioxide;

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.

NFPA Aerosol Classification: Level 1

Special Instructions:
(AEROSOL STORAGE level is based on NFPA 30B definition)

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.

Spill Response:
Ventilate area. Extinguish all ignition sources. Contain spill. Collect spilled material. Clean up residue with water. Place leaking containers in a well-ventilated area, preferably in an exhaust hood, if available, or outdoors.

Methods for Disposal:

Small quantities (less than 5 gal. (19 L)) may be discharged to a wastewater treatment system. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty cans in a sanitary landfill.

7 Handling and Storage

Storage Requirements:

Store at temperatures below 120 degrees F (49 degrees C).

Incompatible Materials:

Heat;

Fire Prevention:

Aerosol container contains flammable gas under pressure.

Use Instructions:

Do not pierce or burn container, even after use.

8 Exposure Controls/Personal Protection
-----Personal Protection

Eye Protection:

Avoid eye contact.

Skin Protection:

Avoid prolonged or repeated skin contact.

Respiratory Protection:

Avoid prolonged breathing of spray or mists.

Ingestion (Prevention):

Do not ingest. Keep out of the reach of children.

Recommended Ventilation:

Not applicable.

Ingredient Exposure Data

WATER (7732-18-5)

LD50 (rat, oral): > 90 ml/kg

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Chemical Manufacturers' Recommended Guideline (CMRG) TWA Exposure Limit: 5 mg/m³

Chemical Manufacturers' Recommended Guideline (CMRG) STEL: 10 mg/m³

ISOBUTANE (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

SORBITAN OLEATE (1338-43-8)

Specific Ingredient Data: No data available.

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-STEL: 6 ppm 15 mg/m³

9 Physical and Chemical Properties

Physical form, Color, Odour:

Liquid; Aerosol; white cream colour;

Odour Threshold:

No data available.

pH:

Approximately 10.4

Boiling point/boiling range:

Approximately 100.0 C

Melting point/melting range:

Not Available.

Vapour pressure:

Not Available.

Water Solubility:

Not Available.

Partition coefficient (K o/w):

No data available.

Specific gravity:

Approximately 0.95 Water=1

Vapour density:

Not Available.

Volatile organic compounds: Approximately 106 gms/liter
Evaporation rate: Not Available.
Viscosity: Not Available.

10 Stability and Reactivity

Conditions to Avoid:
None known.
Materials to Avoid:
Heat;
Hazardous Decomposition:
Carbon monoxide and carbon dioxide;
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.
Effects from Skin Contact:
Product is not expected to be irritating to the skin.
Effects from Inhalation:
No adverse health effects are expected from inhalation exposure.
Effects from Ingestion:
Ingestion is not a likely route of exposure to this product. 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:
Not determined.

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:
Empty aerosol cans may be recycled where facilities exist.

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification: Consumer Commodity by ground
Do not ship by air.

International Dangerous Goods Classification

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

15 Regulatory Information

WHMIS Classification: A, B5

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:

DSL - Domestic Substances List (Canada)

EINECS - European Inventory of Existing Commercial Chemical Substances

AICS - Australian Inventory of Chemical Substances

KTCCCL - Korean Toxic Chemical Control Law

TSCA - Toxic Substances Control Act (USA)

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:

Added/changed product ids of MSDS

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