

MATERIAL SAFETY
DATA SHEET

3M
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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

3M Brand A101 Spray Cleaner

ID NUMBER/U.P.C.:

61-5000-6128-0 00-48011-13998-2 FZ-0100-0474-0 - - -

ISSUED: August 03, 1998

SUPERSEDES: June 12, 1998

DOCUMENT: 10-2815-8

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	60 - 90
ISOBUTANE.....	75-28-5	5 - 10
ACRYLIC POLYMER.....	Unknown	1 - 5
ETHYLENE-ACRYLIC ACID POLYMER.....	9010-77-9	1 - 5
ETHOXYLATED SECONDARY ALCOHOLS.....	68131-40-8	1 - 5
DIETHYLENE GLYCOL MONOMETHYL ETHER.....	111-77-3	0.1 - 1

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24
HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

This product contains the following toxic chemical or chemicals subject to
the reporting requirements of Section 313 of Title III of the Emergency
Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:
DIETHYLENE GLYCOL MONOMETHYL ETHER

2. PHYSICAL DATA

BOILING POINT:..... ca. 212 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... complete
SPECIFIC GRAVITY:..... ca. 1.00 Water=1
PERCENT VOLATILE:..... ca. 90 %
pH:..... ca. 9.5
VISCOSITY:..... N/D
MELTING POINT:..... N/D

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

Aerosol, liquid, white, opaque, bland odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Foam

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 1 REACTIVITY: 1 AEROSOL STORAGE: 1
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Heat.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Collect spilled material. Clean up residue with water. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Flush spent solutions and small quantities (less than 5 gal. (19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Do not puncture or burn cans in a household incinerator. Facility must be capable of handling aerosol cans. Dispose of empty cans in a sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 93 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.
VOC Less H₂O & Exempt Solvents: ca. 93 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

All chemicals used in the manufacture of this material are listed on the following chemical inventories: TSCA

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: Yes REACTIVITY: No ACUTE: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:
No need for first aid is anticipated.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Avoid eye contact.

SKIN PROTECTION:
Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:
Not applicable.

RESPIRATORY PROTECTION:
Avoid prolonged breathing of spray or mists.

PREVENTION OF ACCIDENTAL INGESTION:
Do not ingest.

RECOMMENDED STORAGE:
Store at temperatures below 120 degrees F (49 degrees C). Keep out
of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
Aerosol container contains flammable gas under pressure. Do not
pierce or burn container, even after use.

HMS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 1
PERSONAL PROTECTION: A

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
ISOBUTANE.....	NONE	NONE	NONE	NONE	
ACRYLIC POLYMER.....	NONE	NONE	NONE	NONE	
ETHYLENE-ACRYLIC ACID POLYMER.....	NONE	NONE	NONE	NONE	
ETHOXYLATED SECONDARY ALCOHOLS.....	NONE	NONE	NONE	NONE	
DIETHYLENE GLYCOL MONOMETHYL ETHER...	30	PPM	TWA	CMRG	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN 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:

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*

- CMRG: Chemical Manufacturer Recommended Exposure Guidelines					
- NONE: None Established					

8. HEALTH HAZARD DATA

EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Product is not expected to be irritating to the skin.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE June 12, 1998 ISSUE

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