

MATERIAL SAFETY  
DATA SHEET



DIVISION: OFFICE SYSTEMS  
TRADE NAME: 3M BRAND SYSTEMS CLEANER, PART B  
3M I.D. NUMBER: 74-0400-4151-4  
ISSUED: JANUARY 1, 1986  
SUPERSEDES: INITIAL ISSUE  
DOCUMENT: 10-0223-7

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
WATER	7732-18-5	90.0- 95.0	N/D 5
SULFURIC ACID	7664-93-9	5.0- 10.0	1 MG/CU M 1

- SOURCE OF EXPOSURE LIMIT DATA
1. ACGIH THRESHOLD LIMIT VALUES
  2. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
  3. 3M EXPOSURE GUIDELINES
  4. CHEMICAL MANUFACTURER RECOMMENDED GUIDELINES
  5. NONE ESTABLISHED

ABBREVIATIONS  
N/D - NOT DETERMINED  
N/A - NOT APPLICABLE

2. PHYSICAL DATA			
BOILING POINT:	N/D	SOLUBILITY IN WATER:	COMPLETE
VAPOR PRESSURE:	N/D	SP. GRAVITY (WATER=1):	ABOUT 1.2
VAPOR DENSITY (AIR=1):	>1	PERCENT VOLATILE:	>90
EVAPORATION RATE (=1):	N/D	VISCOSITY:	N/D
APPEARANCE AND ODOR:	COLORLESS TO PALE YELLOW LIQUID; NO ODOR.		pH: <1

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ( ): N/A  
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES:  
NONE, BUT OBSERVE PRECAUTIONS IN OTHER SECTIONS.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
NONE, BUT OBSERVE PRECAUTIONS IN OTHER SECTIONS.

General Offices/3M

3M Center  
St. Paul, Minnesota 55144-1000  
(612) 733-1110



MATERIAL SAFETY  
DATA SHEET

MSDS: 3M BRAND SYSTEMS CLEANER, PART B  
JANUARY 1, 1986

Page 2

=====  
4. REACTIVITY DATA  
=====  
STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:  
N/A  
HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:  
SULFUR DIOXIDE AND SULFUR TRIOXIDE.

=====  
5. ENVIRONMENTAL INFORMATION  
=====

SPILL RESPONSE:  
ISOLATE SPILL AREA AND DENY ENTRY TO UNNECESSARY PERSONS. WEAR  
PERSONAL PROTECTIVE EQUIPMENT AND KEEP AREA WELL VENTILATED. DO NOT  
TOUCH SPILLED MATERIAL AND KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.)  
AWAY FROM SPILL. APPLY SODA ASH OR LIME TO NEUTRALIZE. THEN FLUSH  
WITH WATER TO SEWER. OBSERVE PRECAUTIONS LISTED IN OTHER SECTIONS.  
RECOMMENDED DISPOSAL:  
NEUTRALIZE WITH SODA ASH OR LIME AND FLUSH TO LOCAL SEWAGE TREATMENT  
SYSTEM IN ACCORDANCE WITH LOCAL REGULATIONS.  
ENVIRONMENTAL DATA:  
EPA HAZARDOUS WASTE NUMBER, 0002 (ACID).

=====  
6. SUGGESTED FIRST AID  
=====

EYE CONTACT:  
IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF  
WATER FOR AT LEAST TEN MINUTES WHILE HOLDING THE EYELIDS OPEN, AND  
CONTACT A PHYSICIAN.  
SKIN CONTACT:  
IN CASE OF SKIN CONTACT, FLUSH AFFECTED AREA WITH WATER FOR AT LEAST  
TEN MINUTES AND CONTACT A PHYSICIAN.  
INHALATION:  
IF RESPIRATORY IRRITATION OR OTHER SYMPTOMS OCCUR, MOVE TO FRESH AIR.  
CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.  
IF SWALLOWED:  
IF SWALLOWED, DO NOT INDUCE VOMITING; DRINK TWO GLASSES OF MILK OR  
WATER AND CONTACT A PHYSICIAN OR POISON CONTROL CENTER.

=====  
7. PRECAUTIONARY INFORMATION  
=====

DO NOT GET IN EYES OR ON SKIN.  
WEAR CHEMICAL GOGGLES OR FULL FACE SHIELD, IMPERVIOUS GLOVES AND  
APRON WHEN HANDLING.  
AVOID BREATHING MIST.  
IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.  
KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.  
DO NOT TAKE INTERNALLY.

**General Offices/3M**

3M Center  
St. Paul, Minnesota 55144-1000  
(612) 733-1110

**MATERIAL SAFETY  
DATA SHEET**



---

**MSDS: 3M BRAND SYSTEMS CLEANER, PART B  
JANUARY 1, 1986**

**Page 3**

**KEEP OUT OF REACH OF CHILDREN.**

General Offices/3M  
3M Center  
St. Paul, Minnesota 55144-1000  
(612) 733-1110



MATERIAL SAFETY  
DATA SHEET

MSDS: 3M BRAND SYSTEMS CLEANER, PART B  
JANUARY 1, 1986

Page 4

=====

8. HEALTH HAZARD DATA

=====

EYE CONTACT: CORROSIVE. CAUSE SEVERE EYE IRRITATION. MAY CAUSE PERMANENT EYE DAMAGE AND LOSS OF VISION.

SKIN CONTACT: CORROSIVE. CAUSES SEVERE SKIN IRRITATION AND MAY CAUSE TISSUE DAMAGE.

INHALATION: MIST CAUSES RESPIRATORY SYSTEM IRRITATION AND MAY CAUSE LUNG INJURY.

INGESTION: CORROSIVE. CAUSES SEVERE DIGESTIVE SYSTEM IRRITATION AND MAY CAUSE TISSUE DAMAGE AND DEATH. SYMPTOMS MAY INCLUDE STOMACH PAIN, CRAMPS, BURNING, VOMITING, NAUSEA AND DIARRHEA.

=====

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.