

MATERIAL SAFETY
DATA SHEET

#302

3M

MM13702

MATERIAL SAFETY
DATA SHEET

3M

Copyright, 2001, 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 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.

DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

SHARPSHOOTER brand EXTRA STRENGTH NO RINSE CLEANER

ID NUMBER/U.P.C.:	CN-1006-4843-1	-	-	XN-1015-1365-5	-	-	-
	61-5000-5727-0	00-48011-13702-0	61-5000-9451-3	00-48011-16861-1			
	61-5001-0870-1	00-48011-17933-9	70-0705-4950-9	00-48011-19344-6			
	70-0705-5216-4	00-48011-19349-6	78-8095-4127-5				

ISSUED: FEBRUARY 6, 2001
SUPERSEDES: JANUARY 21, 1998
DOCUMENT: 11-2032-8

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER	7732-18-5	> 90
2-BUTOXYETHANOL	111-76-2	3 - 7
ETHANOLAMINE	141-43-5	1 - 5
ETHOXYLATED ALCOHOLS	68439-45-2	0.5 - 1.5
ETHOXYLATED SECONDARY ALCOHOLS	84133-50-6	0.5 - 1.5
POTASSIUM HYDROXIDE	1310-58-3	< 1

NOTE: 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:
2-BUTOXYETHANOL

2. PHYSICAL DATA

BOILING POINT:..... ca. 212 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... ca. 1 Water = 1
SOLUBILITY IN WATER:..... complete
SP. GRAVITY:..... ca. 1 Water = 1
PERCENT VOLATILE:..... ca. 95 % by wt
pH:..... 12.4-13.8
VISCOSITY:..... < 100 CPS
MELTING POINT:..... N/A
APPEARANCE AND ODOR: Liquid, clear; essentially colorless; mild solvent odor

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

MSDS: SHARPSHOOTER brand EXTRA STRENGTH NO RINSE CLEANER
FEBRUARY 6, 2001

PAGE: 2 of 6

3. FIRE AND EXPLOSION HAZARD DATA

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

Water, Carbon dioxide, Dry chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES:

Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:

No unusual fire or explosion hazards are anticipated. See Hazardous
Decomposition section for products of combustion.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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. Contain spill.
Evacuate unprotected personnel from hazard area. Dilute in a large
excess of water. Carefully, and with stirring, add appropriate dilute
acid such as sulfamic acid or vinegar. Confirm neutrality. Collect
spilled material. Clean up residue with water. Place in a
polyethylene-lined metal container. Do not seal for 48 hours.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator in the presence
of a combustible material.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 6 %
VOC Less H₂O & Exempt Solvents: ca. 6 %.

Since regulations vary, consult applicable regulations or authorities
before disposal. In the event of an uncontrolled release of this
material, the user should determine if the release qualifies as a
reportable quantity. U.S. EPA Hazardous Waste Number = D002
(Corrosive)

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

MATERIAL SAFETY
DATA SHEETMATERIAL SAFETY
DATA SHEETMSDS: SHARPSHOOTER brand EXTRA STRENGTH NO RINSE CLEANER
FEBRUARY 6, 2001

PAGE: 3 of 6

5. ENVIRONMENTAL INFORMATION (continued)

TSCA: All components used in the manufacture of this material are in compliance with the US TSCA inventory.

USDA: approved for use in inedible and nonprocessing areas (USDA Code C1)

EPCRA HAZARD CLASS:

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

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.

IF SWALLOWED:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

VENTILATION PROTECTION:

Use in a well-ventilated area. Use with adequate dilution ventilation.

RESPIRATORY PROTECTION:

Avoid breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

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

MSDS: SHARPSHOOTER brand EXTRA STRENGTH NO RINSE CLEANER
FEBRUARY 6, 2001

PAGE: 4 of 6

7. PRECAUTIONARY INFORMATION (continued)

OTHER PRECAUTIONARY INFORMATION:

HMIS HAZARD RATINGS: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0
PERSONAL PROTECTION: X (See precautions, section 7.)

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
WATER	NONE	NONE	NONE	NONE	
2-BUTOXYETHANOL	25	ppm	TWA	ACGIH	Y
2-BUTOXYETHANOL	25	ppm	TWA	OSHA	Y
			OSHA	VACATED	PEL
2-BUTOXYETHANOL	50	ppm	TWA	OSHA	Y
ETHANOLAMINE	3	ppm	TWA	ACGIH	
ETHANOLAMINE	6	ppm	STEL	ACGIH	
ETHANOLAMINE	3	ppm	TWA	OSHA	
ETHANOLAMINE	6	ppm	STEL	OSHA	
ETHANOLAMINE	6	mg/m ³	TWA	OSHA	
ETHOXYLATED ALCOHOLS	NONE	NONE	NONE	NONE	
ETHOXYLATED SECONDARY ALCOHOLS	NONE	NONE	NONE	NONE	
POTASSIUM HYDROXIDE	2	mg/m ³	CEIL	ACGIH	
POTASSIUM HYDROXIDE	2	mg/m ³	CEIL	OSHA	

* 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:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- OSHA: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states
- Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Moderate Skin Irritation (after prolonged or repeated contact); signs/symptoms can include redness, swelling, itching, and dryness.

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

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