

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

3M BRAND STAINLESS STEEL CLEANER

ID NUMBER/U.P.C.:

FN-5100-0958-5	-	-	-	FN-5100-0959-3	-	-	-	
FN-5100-0960-1	-	-	-	FN-5100-0961-9	-	-	-	
FN-5100-0962-7	-	-	-	FN-5100-0963-5	-	-	-	
FN-5100-0965-0	-	-	-	FN-5100-0966-8	-	-	-	
FN-5100-0967-6	-	-	-	FZ-0100-0482-3	-	-	-	
FZ-0100-0483-1	-	-	-	GN-0300-5919-2	-	-	-	XN-0006

ISSUED: February 27, 2001

SUPERSEDES: April 10, 2000

DOCUMENT: 05-9299-8

1. INGREDIENT	C.A.S. NO.	PERCENT
Water.....	7732-18-5	55.0 - 65.0
Mineral oil.....	8042-47-5	17.0 - 22.0
HEAVY ALKYLATE NAPHTHA (PETROLEUM).....	64741-65-7	8.0 - 11.0
Emulsifier.....	1338-43-8	3.0 - 6.0
Sorbitol.....	50-70-4	3.0 - 5.0
Fragrance.....	5989-27-5	0.5

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.

2. PHYSICAL DATA

BOILING POINT:..... ca. 100 C
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY:..... N/D
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... N/D
 SPECIFIC GRAVITY:..... ca. 0.94 Water=1
 PERCENT VOLATILE:..... 69 - 72 %
 pH:..... ca. 7.0
 VISCOSITY:..... 7000 - 10000 centipoise
 MELTING POINT:..... N/D

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

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

Liquid, emulsion, milky white; mild citrus fragrance

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 60 C
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:

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

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

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. Collect using non-sparking tools. Clean up residue. Place in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 9 - 12 %.
VOC Less H₂O & Exempt Solvents: N/D.

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

6. SUGGESTED FIRST AID

EYE CONTACT:

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

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

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

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

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7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material.

RECOMMENDED VENTILATION:

Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at room temperature.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
Water.....	NONE	NONE	NONE	NONE	
Mineral oil.....	5	MG/M3	TWA	CMRG	
Mineral oil.....	10	MG/M3	STEL	CMRG	
HEAVY ALKYLATE NAPHTHA (PETROLEUM)...	300	PPM	TWA	CMRG	
HEAVY ALKYLATE NAPHTHA (PETROLEUM)...	400	PPM	STEL	CMRG	
Emulsifier.....	NONE	NONE	NONE	NONE	
Sorbitol.....	NONE	NONE	NONE	NONE	
Fragrance.....	30	PPM	TWA	AIHA	

* 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:

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- NONE: None Established

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8. HEALTH HAZARD DATA

EYE CONTACT:

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

SKIN CONTACT:

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

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

INHALATION:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

SECTION CHANGE DATES

INGREDIENTS SECTION CHANGED SINCE April 10, 2000 ISSUE

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