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MATERIAL SAFETY
DATA SHEET

3M
3M Center
St. Paul, Minnesota
55144-1000
1-800-364-3577 or (612) 737-6501 (24 hours)

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DIVISION: VISUAL SYSTEMS DIVISION

TRADE NAME:

3M BRAND HA5797 BELT CLEANER

ID NUMBER/U.P.C.:

78-9020-0006-2 00-51125-04594-0

ISSUED: August 28, 1996

(Inactive)

SUPERSEDES: August 02, 1994

DOCUMENT: 10-0176-7

1. INGREDIENT	C.A.S. NO.	PERCENT
ISOPROPYL ALCOHOL.....	67-63-0	90.0 - 100.0
POLY(DIMETHYLSILOXANE).....	63148-62-9	< 10.0
NEUTRALIZED MIXED ALKYL PHOSPHATES.....	Unknown	< 5.0
C.I. FOOD RED 15.....	81-88-9	< 1.0
OCTYL ALCOHOL.....	111-87-5	< 0.1
DIETHANOLAMINE.....	111-42-2	< 0.1
DECYL ALCOHOL.....	112-30-1	< 0.1

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:

- C.I. FOOD RED 15
- DIETHANOLAMINE

2. PHYSICAL DATA

BOILING POINT:..... 181 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY:..... 2.07
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... SOLUBLE
 SPECIFIC GRAVITY:..... 0.9792
 PERCENT VOLATILE:..... >90
 pH:..... N/D
 VISCOSITY:..... N/D
 MELTING POINT:..... N/D

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

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2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

liquid, water clear light pink color, alcohol type odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 53 F CLOSED CUP
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

CARBON DIOXIDE, FOAM, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES:

N/D

UNUSUAL FIRE AND EXPLOSION HAZARDS:

N/D

NFPA HAZARD CODES: HEALTH: 1 FIRE: 3 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

N/D

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

N/D

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. In the U.S.A., call (612) 733-1110 or (612) 733-6100 for 24-hour spill assistance. Extinguish all ignition sources. Cover with absorbent material. Collect spilled material. Clean up residue. Place in a U.S. DOT-approved container.

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5. ENVIRONMENTAL INFORMATION (continued)

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator. Dispose of waste product in a facility permitted to accept chemical waste. Reclaim if feasible.

ENVIRONMENTAL DATA:

U.S. EPA HAZARDOUS WASTE NUMBER: D001 (IGNITABLE)

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.
VOC Less H2O & Exempt Solvents: N/D.

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: Yes REACTIVITY: Yes 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:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

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

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 7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED VENTILATION:

Provide sufficient ventilation to maintain emissions below recommended exposure limits.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep container in well-ventilated area. Keep out of the reach of children.

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*
ISOPROPYL ALCOHOL.....	400	PPM	TWA	ACGIH	
ISOPROPYL ALCOHOL.....	500	PPM	STEL	ACGIH	
ISOPROPYL ALCOHOL.....	400	PPM	TWA	OSHA	
ISOPROPYL ALCOHOL.....	500	PPM	STEL	OSHA	
POLY(DIMETHYLSILOXANE).....	NONE	NONE	NONE	NONE	
NEUTRALIZED MIXED ALKYL PHOSPHATES...	NONE	NONE	NONE	NONE	
C.I. FOOD RED 15.....	NONE	NONE	NONE	NONE	
OCTYL ALCOHOL.....	265	MG/M3	TWA	AIHA	Y
OCTYL ALCOHOL.....	50	PPM	TWA	AIHA	Y
DIETHANOLAMINE.....	0.46	PPM	TWA	ACGIH	Y
DIETHANOLAMINE.....	3	PPM	TWA	OSHA	
DECYL ALCOHOL.....	NONE	NONE	NONE	NONE	

* 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
- NONE: None Established
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline

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8. HEALTH HAZARD DATA

EYE CONTACT:

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

SKIN CONTACT:

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

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

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

INHALATION:

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

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

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Prolonged or repeated overexposure, above recommended guidelines, may cause:

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

Liver Effects: signs/symptoms can include yellow skin(jaundice) and tenderness of upper abdomen.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

Repeated ingestion may cause:

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8. HEALTH HAZARD DATA (continued)

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Anemia (decreased number of red blood cells or amount of hemoglobin): signs/symptoms can include prolonged weakness and fatigue.

Arrhythmia: signs/symptoms can include palpitations, pounding or an irregular heart beat.

Ingestion may cause:

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

Liver Effects: signs/symptoms can include yellow skin(jaundice) and tenderness of upper abdomen.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE August 02, 1994	ISSUE
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