

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 6/14/2001
00000000 MSDS SOLUTIONSPAGE 1
MSDS NO. CS61010

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME
W.M. BARR & COMPANY, INC.ADDRESS
2105 Channel Avenue
Memphis, TN 38113 USAEMERGENCY TELEPHONE #1
901-775-0100EMERGENCY CONTACT
W.M. Barr Technical Services

EMERGENCY INFORMATION

See Section 5 for additional Emergency Information

INVENTORY ITEM #
QAR73810CHEMICAL FORMULA
CS61010PRODUCT NAME
CITRISTRIP ADHESIVE REMOVERREVISED BY
W.M. Barr Technical ServicesREVISION DATE
11/20/1998

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CARCINOGENICITY

SUBSTANCE DESCRIPTION	PERCENT	CAS#	NTP	ACGIH	OSHA	IARC
CITRUS TERPENES	10- 15	5989-27-5	N	N	N	N
DIETHYLENE GLYCOL MONOBUTYL ETHER	25- 30	112-34-5	N	N	N	N
SALTS	1- 5	N/A	N	N	N	N
DIETHANOLAMINE	10- 15	111-42-2	N	N	N	N

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG.AGCY	U/M	TWA	STEL	CEIL	SKIN	PEL
CITRUS TERPENES	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E
DIETHYLENE GLYCOL MONOBUTYL ETHER	ACGIH	MG/M3	5.00	N/E	N/E	N	N/E
	OSHA	MG/M3	N/E	N/E	N/E	N	N/E
SALTS	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E
DIETHANOLAMINE	ACGIH	PPM	N/E	N/E	N/E	Y	N/E
	OSHA	PPM	N/E	N/E	N/E	N	3.00

ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)

Ingredients in this product are not listed on California's Prop 65 list: "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity."

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 6/14/2001
00000000 MSDS SOLUTIONSPAGE 2
MSDS NO. CS61010SECTION 3. REGULATORY INFORMATION
(CONTINUED)

SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

SUBSTANCE DESCRIPTION	PERCENT BY WEIGHT (UPPER LIMIT)	CAS#
DIETHANOLAMINE	15	111-42-2

CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

May cause headache; irritation of the respiratory tract and mucous membranes. Vapors from warmed or heated material may cause nausea and dizziness.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Product may be absorbed through skin. May cause irritation; itching; burning; redness; inflammation; blisters; dermatitis and skin damage.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Corrosive to eyes. May cause irritation; redness; tearing; stinging; burning; swelling; conjunctivitis of eyes; corneal injury; pain; and blindness.

INGESTION ACUTE EXPOSURE EFFECTS

May cause dizziness; headache; drowsiness; nausea; loss of coordination; stupor; vomiting; abdominal pains; gastrointestinal irritation; diarrhea; mental confusion; slurred speech.

CHRONIC EXPOSURE EFFECTS

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Repeated exposure may cause skin sensitization. May cause photosensitivity.

MEDICAL CONDITIONS AGGRAVATED

None known.

PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 6/14/2001
00000000 MSDS SOLUTIONSPAGE 3
MSDS NO. CS61010-----
SECTION 5. FIRST AID MEASURES
-----**INHALATION**

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT

Wash with soap and water. If irritation persists, get medical attention.

EYE CONTACT

Immediately flush with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

INGESTION

Call your poison control center, hospital emergency room or physician immediately for instructions to induce vomiting.

NOTE TO PHYSICIAN

This formula is registered with POISINDEX.

Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE	HMS	NFPA
HEALTH	3	3
FLAMMABILITY	2	2
REACTIVITY	0	0
OTHER	G	NA

FLASH METHOD

PMCC

FLASH POINT

111.00 F 43.88 C

LOWER EXPLOSION LIMIT

N/E

GENERAL COMMENTS

OSHA FLAMMABILITY: Class II

EXTINGUISHING METHOD

Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS

CAUTION! COMBUSTIBLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL OTHER SOURCES OF IGNITION.

SECTION 7. ACCIDENTAL RELEASE MEASURES
-----**CLEAN-UP**

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. SMALL SPILLS: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 6/14/2001
00000000 MSDS SOLUTIONS

PAGE 4
MSDS NO. CS61010

SECTION 7. ACCIDENTAL RELEASE MEASURES
(CONTINUED)

container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE

STORAGE

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

HANDLING

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION

For D.O.T. information, contact W.M. Barr Technical Services Department.

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION

Use in a well-ventilated area.

RESPIRATORY PROTECTION

For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION

Wear impermeable gloves, such as NITRILE RUBBER.

EYE PROTECTION

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

OTHER PROTECTION

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 6/14/2001
00000000 MSDS SOLUTIONS

PAGE 5
MSDS NO. CS61010

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE %

89
BY WEIGHT

BOILING POINT

GT 212.00 F 100.00 C

VAPOR DENSITY (Air = 1.0)
HEAVIER THAN AIR

EVAPORATION RATE
SLOWER THAN ETHER

BULK DENSITY

8.023
LBS/GAL AT 75 DEGREES F

PHOTOCHEMICALLY REACTIVE
YES

MAX V.O.C.

419 grams per liter (excluding exempt solvents and water).

MAX VAPOR PRESSURE

Not Applicable

SECTION 12. STABILITY AND REACTIVITY

INCOMPATIBILITIES

Incompatible with strong oxidizing agents; acids; alkali, at high temperatures; chemically active metals; peroxides; halogens; vinyl chloride; iodine flouride.

DECOMPOSITION

Thermal decomposition may produce carbon monoxide; carbon dioxide; oxides of nitrogen; hydrocarbons; acrid smoke and fumes; and ammonia.

POLYMERIZATION

Will not occur.

STABILITY

Stable.

SECTION 13. ADDITIONAL INFORMATION

IMPORTANT NOTE

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:

PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 6/14/2001
00000000 MSDS SOLUTIONS

PAGE 6
MSDS NO. CS61010

SECTION 13. ADDITIONAL INFORMATION
(CONTINUED)

TOC = tag open cup
PMCC = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

END OF MSDS