

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Brown Micro
CAS Number: 63231-60-7

Company Identification

Calwax Corporation
5367 Ayon Ave.
Irwindale, CA 91706 USA
1-626-969-4334 (For product information)
1-800-424-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
-----	-----	-----
Brown MICRO	100.0 %	63231-60-7

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. HAZARDS IDENTIFICATION

```
***** EMERGENCY OVERVIEW *****
*
* OSHA Required Label Information: In compliance
* with hazard and right-to-know requirements, where
* applicable OSHA Hazard Warnings may be found on the
* label, bill of lading or invoice accompanying this
* shipment. NOTE: Product label may contain
* non-OSHA related information also. In compliance
* with hazard and right-to-know requirements, where
* applicable OSHA Hazard Warnings may be found on the
* label, bill of lading or invoice accompanying this
* shipment. NOTE: Product label may contain
* non-OSHA related information also.
*
*****
```

HMIS Rating - Health: 1
Flammability: 1
Reactivity: 0

NFPA Rating - Health: 0
Flammability: 1
Reactivity: 0

POTENTIAL HEALTH EFFECTS

EYE:

Exposure to hot material may cause thermal burns. Exposure to mists and vapors may cause irritation.

SKIN:

Prolonged or repeated skin contact may cause skin irritation. Exposure to hot product may cause thermal burns.

INHALATION:

Avoid breathing vapors or mists. Inhaled mists or fumes may cause irritation.

INGESTION:

Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. ingestion is not considered to be a likely source of exposure.

CHRONIC EFFECTS:
None reported.

MISCELLANEOUS:
Slippery, can cause falls if walked on.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:
Get immediate medical attention. Immediately flush eyes with plenty of water.

SKIN CONTACT FIRST AID:
Immediately contact a physician for treatment of thermal burns. In case of skin contact with product under other conditions, wash thoroughly with soap and water. Removal of product from skin may be aided by use of waterless hand cleaner.

INHALATION FIRST AID:
If overcome by fumes, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

INGESTION FIRST AID:
If ingested, DO NOT induce vomiting; call a physician immediately if a large amount has been ingested.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
COC Flash Point: > 232.2 C (> 450.0 F)
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR
LEL: 0.6 %
UEL: 7 %

EXTINGUISHING MEDIA:
Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product.

FIRE & EXPLOSION HAZARDS:
Material will burn in a fire.

FIRE FIGHTING INSTRUCTIONS:
Avoid breathing smoke, fumes, and decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

COMBUSTION PRODUCTS:
Fumes, smoke, carbon monoxide and other decomposition products in the case of incomplete combustion.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):
Wear appropriate personal protective equipment. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

LARGE SPILLS PROCEDURE:
This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (800-424-8802). Contain spill by drinking, prevent product from entering sewers or waterways. Allow liquid to solidify, then clean up and dispose of in compliance with local and federal regulations.

SMALL SPILLS PROCEDURE:
Allow material to solidify and scrape up.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):
'Empty' containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

STORAGE PRECAUTIONS:
Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

When splashing of the material may occur, chemical goggles and a face shield are recommended.

SKIN PROTECTION REQUIREMENTS:

When handling hot material, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation.

RESPIRATORY PROTECTION REQUIREMENTS:

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

MISCELLANEOUS:

Minimize breathing hot fumes, vapors, and mist. Remove wax-impregnated clothing and launder or dry-clean before re-use. Discard wax-impregnated shoes. Wash skin thoroughly with soap and water after handling.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Solid
COLOR	Light
ODOR	Mild
BOILING POINT	>165 F
VAPOR PRESSURE	0.1 mm Hg @ 68 F
SOLUBILITY IN WATER	Nil
MELTING/FREEZING POINT	172 F
VISCOSITY	14.2
VOLATILE ORGANIC COMPOUNDS (VOC) ...:	<0.13 (Wt. %)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:
Avoid contact with strong oxidizing agents.

DECOMPOSITION:
In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:
Product contacting the eyes may cause eye irritation.

SKIN EFFECTS:
Prolonged of repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged too be neither a 'corrosive' nor an 'irritant' by OSHA criteria.

ACUTE ORAL EFFECTS:
Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

ACUTE INHALATION EFFECTS:
This product is judged to have an acute LD50 (rabbit) greater than 3.16 g/kg of body weight.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:
Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit issued by the EPA.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL ...: Calwax 170 Micro

15. REGULATORY INFORMATION

REGULATORY DISCLOSURES:

Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304). No TPQ for product of any constituent greater than 1% or 0.1% (carcinogen).

Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Section 313). No toxic chemical is present greater than 1% or 0.1% (carcinogen).

Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312). EPA Hazard Classification Code: Not Applicable.

Toxic Substances Control Act (TSCA). This product does not contain polychlorinated biphenyls PCB's).

All components of this product are listed on the U.S. TSCA inventory.

FDA (FOOD AND DRUG ADMINISTRATION):
Complies with 21 CFR 172.886.

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed (or considered as having been notified) on the Euproean Inventory of Existing Chemical Substances (EINECS). This material or all of its components are listed on the Canadian Domestic Substances List (DSL).

16. OTHER INFORMATION

PREPARED BY: Alan Case
APPROVED BY: Alan Case
TITLE: VP Marketing & Sales
APPROVAL DATE: August 5, 2002
SUPERCEDES DATE ...: New
RTN NUMBER: 00000016 (Official Copy)

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of CALWAX. The data on this sheet are related only to the specific material designated herein. CALWAX assumes no legal responsibility for use or reliance upon these data.

END OF MSDS
