

SAFETY DATA SHEETS

This SDS packet was issued with item:

078069477

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078069469

MATERIAL SAFETY DATA SHEET
CBI - CHARLES BRUNGART, INC.

24 Hour Emergency Assistance
954-537-7986

General MSDS Assistance
800-654-5705

HAZARD RATINGS> Least-0 Slight-1 Moderate-2 High-3 Extreme-4
CODE: 0 (least)

CBI
Charles Brungart, Inc.
3625 North Andrews Avenue
Oakland Park IL 33309

DATE: 5/9/97
Telephone: 800-654-5705

SECTION I - PRODUCT IDENTIFICATION

Product: Formula CB 1000

SECTION II - COMPOSITION & HAZARDOUS INFORMATION*

Hydrocarbon -

Proprietary formula containing no hazardous material
*Items not shown are not listed in the OSHA - T.S.C.A.
hazardous chemicals listing.

SECTION III - PHYSICAL DATA

Boiling Range	: NA	Vapor Density	: NA
Odor	: Pleasant	Evaporation Rate	: NA
Appearance	: Clear	Solubility	: Insoluble
Volatile by Weight	: NA	Product Density	: 0.88
Volatile by Volume	: NA		

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flammability Classification : NA
Flash Point: 440 degrees F LEL: NA
(Cleveland Open Cup) UEL: NA
DOT - NOT REGULATED
Extinguishing Media : Carbon Dioxide, dry chemical, foam

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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UNUSUAL FIRE AND EXPLOSION HAZARDS : DO NOT DIRECT A SOLID STREAM OF WATER ONTO BURNING PRODUCT. THIS MAY CAUSE SPREADING AND INCREASE FIRES INTENSITY. COMBUSTION MAY PRODUCE: OXIDES OF CARBON, AND INCOMPLETELY BURNED HYDROCARBONS IN THE FORM OF FUMES AND SMOKE.

SPECIAL FIREFIGHTING PROCEDURES: WEAR A SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

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SECTION V - HEALTH HAZARD DATA
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EFFECTS OF OVER EXPOSURE: MAY CAUSE MILD EYE IRRITATION AND REDNESS. PROLONGED OR REPEATED EXPOSURE TO THE SKIN MAY RESULT IN LOSS OF NATURAL OILS ACCOMPANIED BY DRYNESS, CRACKING AND DERMATITIS. INGESTION MAY RESULT IN NAUSEA, DIARRHEA AND GASTROINTESTINAL IRRITATION. OVEREXPOSURE TO MIST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION AND DIFFICULTY BREATHING.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE KNOWN.

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION.

EMERGENCY AND FIRST AID PROCEDURES: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS, CONTACT A PHYSICIAN. IN CASE OF PROLONGED SKIN CONTACT, REMOVE ANY CONTAMINATED CLOTHING AND RINSE SKIN THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF SKIN IRRITATION PERSISTS, CONTACT A PHYSICIAN. IN CASE OF OVEREXPOSURE TO MIST, REMOVE VICTIM TO FRESH AIR: IF BREATHING IS DIFFICULT ADMINISTER OXYGEN: AND CONTACT A PHYSICIAN IMMEDIATELY. IF PRODUCT IS INGESTED DO NOT INDUCE VOMITING: GIVE TWO GLASSES OF WATER AND CONTACT A PHYSICIAN.

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SECTION VI - REACTIVITY DATA
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STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS. HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS. HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY RESULT IN THE FORMATION OF: OXIDES OF CARBON, AND INCOMPLETELY BURNED HYDROCARBONS IN THE FORM OF FUMES AND SMOKE.

CONDITIONS TO AVOID: AVOID CONTACT WITH STRONG OXIDIZING AND REDUCING AGENTS AND STRONG ALKLI.

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AND REDUCING AGENTS AND STRONG ALKLI.

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SECTION VII - SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FOR SMALL SPILLS: SOAK UP SPILL WITH ABSORBENT MATERIAL. FOR LARGE SPILLS: DIKE SPILL AND PUMP INTO DRUMS FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL STATE AND FEDERAL REGULATIONS.

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SECTION VIII - SAFE HANDLING AND USE INFORMATION
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RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED, HOWEVER, WHEN THE TLV IS EXCEEDED WEAR THE APPROPRIATE MSHA/NIOSH APPROVED RESPIRATOR.

VENTILATION: PROVIDE ADEQUATE VENTILATION (SUCH AS MECHANICAL OR LOCAL) TO ASSURE TLV IS NOT EXCEEDED.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED, HOWEVER, IF HANDS ARE FREQUENTLY IN FLUID WEAR OIL AND CHEMICAL IMPERVIOUS GLOVES.

EYE PROTECTION: SAFETY GLASSES REQUIRED FOR NORMAL USAGE, WEAR CHEMICAL GOGGLES WHEN EXCESSIVE SPLASHING MAY OCCUR.

OTHER PROTECTIVE EQUIPMENT: NORMALLY NOT REQUIRED, HOWEVER, WHEN REPEATED CONTACT OCCURS WEAR IMPERVIOUS CLOTHING AND BOOTS.

HYGIENIC PRACTICES: FOLLOW STANDARD INDUSTRIAL HYGIENE PRACTICES. LAUNDER ANY CONTAMINATED CLOTHING BEFORE RE-USE.

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SECTION IX - SPECIAL PRECAUTIONS
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE IN THE PRESENCE OF HEAT, SPARKS, FLAME OR ANY OTHER SOURCES OF IGNITION.

STORE AWAY FROM STRONG OXIDIZING AGENTS. EMPTY DRUMS MAY CONTAIN PRODUCT RESIDUES. ALL SAFETY PRECAUTIONS TAKEN WHEN HANDLING THIS PRODUCT SHOULD ALSO BE TAKEN WHEN HANDLING EMPTY DRUMS AND CONTAINERS.

OTHER PRECAUTIONS: NONE.

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SECTION X - HMIS/NFPA RATINGS
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HMIS:HEALTH:0 FLAMMABILITY:1 REACTIVITY:0 PERSONAL PROTECTION:B
NFPA:HEALTH:0 FLAMMABILITY:1 REACTIVITY:0 SPECIFIC HAZARD:

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SECTION XI - OTHER REGULATORY INFORMATION
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DOT HAZARDOUS NATURAL DESCRIPTION: NONE

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THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE
AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND
USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND
ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL.
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.
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	C.A.S.	EINECS
OLEFIN	68037-01-4	(1)
OXIDATION & ANTI-WEAR	80939-62-4	2796326
LUBRICITY ADDITIVE		2683755
COUPLING AGENT		(2)

- (1) The olefin used as a base is considered a polymer, therefore it is not required to register under the EINECS.
- (2) All ingredients in the coupling agent are on the TSCA and EINECS lists, with CAS and EINECS numbers.

MATERIAL SAFETY DATA SHEET

COMPANY NAME, ADDRESS: Charles Brungart, Inc. (CBi), 3970 North Andrews Avenue, Oakland Park, Florida 33309 PHONE: 800-654-5705 or 954-561-8597 FAX: 954-563-1124

PRODUCT TRADE NAME: Formula CB 1000

TRANSPORTATION EMERGENCY PHONE NUMBER: 954-561-8608 NFPA CODE: Health, 0 Fire: 1
Reactivity: 0

SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 435 degrees PMMC

UPPER FLAMMABLE LIMIT: Not determined LOWER FLAMMABLE LIMIT: Not determined

EXTINGUISHING MEDIA: CO2, dry chemical, foam, water spray, water fog SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with full piece for face UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 3 - HEALTH HAZARD DATA

ORAL TOXICITY: Greater than 5000mg/kg in rats. Based on data from components EYE IRRITATION: Not expected to cause any based on data from components OTHER: Unknown TLV: None established OIL MIST: 5mg/oz/meter

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap and water EYE: Flush with water for 15 minutes INHALATION: Remove to fresh air. See physician if irritation persists. ORAL: Call a physician. Do not induce vomiting. ADDITIONAL: None

SECTION 4 - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE: N/A EYE PROTECTION: N/A GLOVE PROTECTION: N/A OTHER PROTECTION: None

SECTION 5 - PHYSICAL DATA

VAPOR PRESSURE: Not determined/ ph: Not determined SPECIFIC GRAVITY: 0.82

WATER SOLUBILITY: Insoluble PERCENT VOLATILE: Not determined VAPOR DENSITY: Not determined

EVAPORATION RATE: Not determined ODOR: Odorless APPEARANCE: Clear - Water White

NOTE: Lubricant is photosensitive.

SECTION 6 - STABILITY

STABILITY: Stable INCOMPATIBILITY: Oxidizing agents POLYMERIZATION: Will not occur THERMAL DECOMPOSITION: Oxides of carbon

SECTION 7 - SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: Prevent entry into sewers and waterways. Pick up free liquid for disposal. Absorb onto inert material for disposal. WASTE DISPOSAL: Disposal of this material is believed to be non-hazardous. Disposal should be in compliance with federal, state, and local laws.

SECTION 8 - SPECIAL PRECAUTIONS

Remove contaminated clothing and launder before reuse.

SECTION 9 - TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME: N/A DOT HAZARD CLASS: N/A DOT ID #: None IMO CLASS: None ICAO CLASS: None EPA HAZARDOUS SUBSTANCES: None

The information presented herein has been compiled from sources considered to be dependable and is accurate. Formula CB 1000 meets USDA approval standards.