

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. LAUNDRY 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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	<b>C.A.S.</b>	<b>EINECS</b>
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.