



MATERIAL SAFETY DATA SHEET
REMANUFACTURED BROTHER LC-51B

SECTION 1: IDENTIFICATION

MANUFACTURER:	Clover Technologies	EMERGENCY NUMBER:	(815) 431-8100
ADDRESS:	4200 Columbus St.	INFORMATION NUMBER:	(815) 431-8100
	Ottawa, IL 61350	DATE OF REVISION:	April 12, 2013

SECTION 2: PRODUCT COMPONENTS

INGREDIENTS	CAS#	WT. %
Glycol Ether	Proprietary	10 - 20
2-Pyrrolidone	616-45-5	5 - 15
Urea	57-13-6	1 - 10
N-Propanol	71-23-8	1 - 10

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product contains a black liquid with a mild odor.

WARNING! Eye and skin irritant. Ingestion may cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

See Section 11 for detailed health effects information.

SECTION 4: EMERGENCY and FIRST AID PROCEDURES

INGESTION: Swallowed: DO NOT induce vomiting unless directed by medical personnel. Call a doctor and contact local poison control center immediately.

ACUTE HEALTH HAZARDS: Moderate eye and skin irritation.

SKIN CONTACT: Wash contaminated areas with soap and water.

EYE CONTACT: Flush eyes thoroughly with water. Seek medical attention if irritation persists.

INHALATION: Remove victim to fresh air.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known or determined for the product.

CHRONIC HEALTH HAZARDS: None known or determined for the product.

SECTION 5: FIRE and EXPLOSION HAZARD DATA

FLASH POINT: N/A (Non-flammable water based)

AUTOIGNITION TEMPERATURE: Not available

FLAMMABLE LIMITS: (vol % in air) LEL: Not applicable
UEL: Not available

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Soak up on paper or other absorbent and scoop into closed containers. Flush area with plenty of water.

SECTION 7: HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Storage temperature: Standard room temperature (68 degrees Fahrenheit).

Special sensitivity: Heat, light, moisture.

Precautions: Keep container closed. Store away from traffic.

OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

INGREDIENTS	CAS#.	EXPOSURE LIMITS
Glycol Ether	Proprietary	Not Established
2-Pyrrolidone	616-45-5	Not Established
Urea	57-13-6	Not Established
N-Propanol	56-81-5	Not Established

RESPIRATORY PROTECTION: Not necessary.

VENTILATION: Mechanical ventilation is acceptable.

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Goggles or safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious clothing where skin contact is unavoidable; eyewash station.

WORK/HYGIENIC PRACTICES: Avoid contamination of food, drink, etc. No smoking when handling.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

BOILING POINT: 212°F

SPECIFIC GRAVITY (H₂O=1): 1.00 - 1.10

VAPOR PRESSURE: 17.5 mmHg

VAPOR DENSITY (Air=1): Heavier than air

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Black liquid with a mild odor.

FREEZING POINT: Not available

COEFFICIENT of WATER/OIL: Not available

EVAPORATION RATE: > Butyl Acetate

pH: Not available

SECTION 10: STABILITY and REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials and strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: None.



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SECTION 11: TOXICOLOGICAL INFORMATION

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Do not discharge product uncontrolled into the environment.

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal environmental control.

SECTION 14: TRANSPORTATION INFORMATION

DOMESTIC TRANSPORTATION

DOT SHIPPING NAME: Not Regulated

DOT HAZARD CLASSIFICATION: Not Regulated

DOT LABELS REQUIRED (49CFR172.101): Not Applicable

UN NUMBER: None

SECTION 15: REGULATORY INFORMATION

OSHA STATUS: Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.

USA TSCA STATUS: This product meets the requirements of the Toxic Substances Control Act.

INTERNATIONAL EXPORT/IMPORT STATUS: Not determined for every country. Formulas are proprietary, so ingredient lists may only be released to Customs/Health offices designated to control trade secrets.

SARA TITLE 111 SECTION 313 TOXIC CHEMICALS: Product not listed.

RCRA HAZARDOUS WASTE NUMBER/STATUS: If discarded in its purchased form, this product would not be a federal hazardous waste either by listing or by characteristic. States, however, often have stricter criteria. Users should check with their state regulatory agencies for current hazardous waste criteria. Under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

OZONE –DEPLETING CHEMICALS: No regulated ingredients.



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NEW JERSEY

INGREDIENTS	CAS#.	EXPOSURE LIMITS
Water	7732-18-5	Not Established
Glycol Ether	Proprietary	Not Established
2-Pyrrolidone	616-45-5	Not Established
Azo Dye	Proprietary	Not Established

CALIFORNIA PROPOSITION 65 (CARCINOGENS): None.

CALIFORNIA PROPOSITION 65 (REPRODUCTIVE TOXINS): None.

SECTION 16: OTHER INFORMATION

HMIS Rating: Health = 2 Fire = 0 Reactivity = 0