

# MATERIAL SAFETY DATA SHEET

QUICK REFERENCE **LIFTOFF!!™ (AEROSOL)**

MOMAR, INCORPORATED  
1830 ELLSWORTH INDUSTRIAL DRIVE  
ATLANTA, GEORGIA 30318

HEALTH 1  
FLAMMABILITY 0  
REACTIVITY 1  
PERSONAL PROTECTION A

EMERGENCY TELEPHONE NO.: INFOTRAC 1-800-535-5053  
OTHER INFORMATION CALLS: 404-355-4580

DATE PREPARED: March 21, 2008

SIGNATURE OF PERSON

RESPONSIBLE FOR PREPARATION

*Ednel Hatchette*

## SECTION 1 - IDENTITY

PRODUCT NAME: LIFTOFF!!™  
CHEMICAL NAME: Mixture  
CHEMICAL FAMILY: Aqueous surfactant mixture  
FORMULA: Water based coil and filter cleaner

## SECTION 2 - HAZARDOUS INGREDIENTS

PRINCIPAL

| HAZARDOUS COMPONENT(S) | CAS NO.  | %BY WT. | THRESHOLD LIMIT VALUE |
|------------------------|----------|---------|-----------------------|
| *1) 2-Butoxy Ethanol   | 111-76-2 | 4.5     | 400 ppm               |

\*This product contains a toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION) DATA

BOILING POINT: Not established      SPECIFIC GRAVITY (H<sub>2</sub>O=1)= 0.95  
VAPOR PRESSURE (mm Hg): 50  
PERCENT VOLATILE BY VOLUME (%): Not applicable  
VAPOR DENSITY (Air = 1): Unknown  
EVAPORATION RATE (BUAC=1): Slower  
SOLUBILITY IN WATER: Soluble      REACTIVITY IN WATER: None  
APPEARANCE AND ODOR: White liquid with orange odor.  
pH: 9.9  
FLASH POINT: Nonflammable per flame projection.  
FLAMMABLE LIMITS IN AIR % BY VOLUME: Lower: Not established      Upper: Not established  
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.  
AUTO-IGNITION TEMPERATURE: Unknown  
SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers. Wear self-contained breathing apparatus.  
UNUSUAL FIRE & EXPLOSION HAZARDS: Contents under pressure. Do not expose to temperatures exceeding 120°F as containers may vent, rupture or burst.

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**SECTION 4 – PHYSICAL HAZARDS**

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STABILITY UNSTABLE   
STABLE

CONDITIONS TO AVOID: None

INCOMPATIBILITY (materials to avoid): Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides and unidentified organic compounds.

HAZARDOUS POLYMERIZATION MAY OCCUR  WILL NOT OCCUR

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**SECTION 5 – HEALTH HAZARDS**

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THRESHOLD LIMIT VALUE: Not established

PRIMARY ROUTE OF ENTRY: EYE  DERMAL  INHALATION  INGESTION

SIGNS AND SYMPTOMS OF EXPOSURE

1. Acute Overexposure: Liquid may cause eye irritation. Inhalation may cause nausea, dizziness, and headache. May cause skin irritation.
2. Chronic Overexposure: Not known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin conditions.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

1. National Toxicology Program: Yes  No
2. I.A.R.C. Monographs: Yes  No
3. OSHA: Yes  No

OSHA PERMISSIBLE EXPOSURE LIMIT: Not established

ACGIH THRESHOLD LIMIT VALUE: Not established

OTHER EXPOSURE LIMIT USED: Not established

EMERGENCY AND FIRST AID PROCEDURES

1. INHALATION: Remove from exposure. Treat symptomatically.
  2. EYES: Flush with large amounts of water for at least 15 minutes occasionally lifting lids. Get medical attention, if irritation persists.
  3. SKIN: Wash with running water until skin is free of soapiness. Wash contaminated clothing before reuse. If irritation persists, get medical attention.
  4. INGESTION: Drink 1-2 glasses of water or milk. DO NOT induce vomiting. Get medical attention.
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**SECTION 6 – SPECIAL PROTECTION INFORMATION**

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RESPIRATORY PROTECTION: Not normally required.

VENTILATION

LOCAL EXHAUST: Adequate

MECHANICAL (GENERAL): Adequate

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber boots and apron if splashing likely.

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**SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Do not store at temperatures above 120°F. Do not puncture or incinerate.

OTHER PRECAUTIONS: Keep containers closed. KEEP OUT OF REACH OF CHILDREN!

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb on mineral clay material. Shovel into container for disposal.

WASTE DISPOSAL METHODS: Dispose of in accordance with federal, state, and local authorities.