Mötsenböcker's Lift Off, Inc.
P.O. Box 90947
San Diego, CA 92169
Phone: 858-581-0222

Safety Data Sheet

1. Product And Company Identification

Product Name: **Mötsenböcker's Lift Off # 2 Sticky, Oily, Greasy Tape Remover (Non-Aerosol)**
Product Code: MLO2SDS
Product Reference Number: NJTSRN: 407-01, 407-02, 407-03, 407-14, 407-16, 407-25, 407-45, 408-01, 408-55, 415-01, 421-01

Responsible Party: Mötsenböcker's Lift Off, Inc.
P.O. Box 90947
San Diego, CA 92169

Information Phone Number: 1-858-581-0222 1-800-346-1633 (Toll Free)
Fax: 1-858-483-6965
Website: www.liftoffinc.com

24 Hour Emergency Phone Number:
INFOTRAC@ 800-535-5053

SDS Date of Preparation: 05/08/2015
Product Use and Uses Advised Against: Adhesives, Grease, Oily Stains and Tape Remover

2. Hazards Identification

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.
Note: This product has been tested for sustained combustibility by Stresau Laboratory, Inc. Due to the nature of the product, it does not Sustain combustibility. It will not start a fire from sparks.

e-CFR data is current as of June 19, 2015

Title 16 → Chapter II → Subchapter C → Part 1500

(ii) The term *flammable* shall apply to any substance having a flashpoint above 20 °F (−6.7 °C) and below 100 °F (37.8 °C), as determined by the method described at §1500.43a, except that:

(A) Any mixture having one component or more with a flashpoint at or above 100 °F (37.8 °C) which

comprises at least 99 percent of the total volume of the mixture is not considered to be a flammable substance; and

(B) Any mixture containing 24 percent or less of water miscible alcohols, by volume, in aqueous solution is not considered to be flammable if the mixture does not present a significant flammability hazard when used by consumers.

GHS Classification:

Physical:	**Health:**
Not Hazardous	Aspiration Toxicity Category 1 Skin Irritation Category 2

Refer to Section 5 for additional information

GHS Label Elements:

DANGER!

Statements of Hazard
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause drowsiness or dizziness.

Prevention
Avoid breathing mist, vapors or spray.
Wash thoroughly after handling
Use only outdoors or in a well-ventilated area.
Wear protective gloves.

Storage
Store in a well-ventilated place. Keep container tightly closed.

Response
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Disposal
Dispose of contents and container in accordance with local and national regulations.

3. Composition/Information on Ingredients*

Component	**CAS No.**	**Amount**
Dimethyoxymethane	109-87-5	5-10%
Other	Trade Secret	64%

***There are other components in the product composition. The exact concentrations are a trade secret, proprietary and patented.**

4. First Aid Measures

Inhalation: Remove person to fresh air. If breathing is difficult or symptoms develop, have qualified personnel administer oxygen. Get medical attention.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if irritation develops or persists. Launder clothing before re-use.

Eye Contact: May cause eye irritation. If contact occurs, immediately flush eyes with large quantities of water for 15 minutes, holding the eyelids apart. Get medical attention if irritation persists.

Ingestion: If swallowed, do not induce vomiting, may cause stomach distress. Rinse mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

Most Important Symptoms: May cause mild eye irritation. May cause minor skin irritation. Inhalation of vapors or mists may cause respiratory irritation. Ingestion may cause nausea, vomiting or diarrhea.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention is required if ingested.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use water fog, alcohol foam, carbon dioxide or dry chemical to extinguish the fire. Cool fire exposed containers with water.

Specific Hazards Arising from the Chemical: Combustion may produce oxides of carbon, hydrogen chloride and phosgene. This product has been tested for sustained combustibility by Stresau Laboratory, Inc. Due to the nature of the product, it does not Sustain combustibility. It will not start a fire from sparks

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(A) Any mixture having one component or more with a flashpoint at or above 100 °F (37.8 °C) which comprises at least 99 percent of the total volume of the mixture is not considered to be a flammable substance; and

(B) Any mixture containing 24 percent or less of water miscible alcohols, by volume, in aqueous solution is not considered to be flammable if the mixture does not present a significant flammability hazard when used by consumers.

Special Protective Equipment and Precautions for Fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Ventilate the area. Wear appropriate protective clothing and equipment as described in Section 8.

Environmental Procedures: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.

Methods for Containment and Clean-Up: Contains and collect with an inert material. Place into an appropriate container for disposal. Wash spill site with soap and water.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid breathing mists or vapors. Do not swallow, Use with adequate ventilation. Keep containers closed when not in use.

Empty containers retain product residue and may be hazardous. Do not reuse empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, well-ventilated area away from oxidizing agents and other incompatible materials. Protect containers from physical damage. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Petroleum Distillates (as stoddard solvent)	500 ppm TWA OSHA PEL 100 ppm TWA ACGIH TLV

Engineering Controls: General ventilation should be adequate for all normal use.

Personal Protective Equipment

Respiratory Protection: None required under normal use conditions. In operations where exposure limits are exceeded, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice**.**

Gloves: None required under normal use conditions.

Eye Protection: Safety goggles are recommended if eye contact is possible.

Other Protective Equipment/Clothing: None under normal use conditions.

9. Physical and Chemical Properties

Appearance and Odor: Clear liquid with a pungent odor.

Physical State: Liquid	**Odor Threshold:** Not determined
pH: Not applicable	**Specific Gravity:** 0.95
Initial Boiling Point/Range: 160-360°F (71-182°C)	**Vapor Pressure:** Not determined
Melting/Freezing Point: Not determined	**Vapor Density:** Greater than air.
Solubility In Water: Partial	**Percent Volatile:** Not determined
Viscosity: Not determined	**Evaporation Rate:** Not determined
Coefficient Of Water/Oil Distribution: Not determined	**VOC Content:** .7% (7.2 g/l)
Flash Point: >200°F (>93.3°C) PMCC*	**Autoignition Temp:** Not determined
Decomposition Temperature: Not determined	**Flammability Limits:** LEL: Not determined UEL: Not determined
Flammability (solid, gas): Not applicable	

*See Section 5

10. Stability and Reactivity

Reactivity: Not normally reactive
Chemical Stability: Stable.
Possibility of Hazardous Reactions: Will react with acids and strong oxidizing agents.
Conditions to Avoid: Keep away from excessive heat and open flames.
Incompatible Materials: Avoid strong oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon, hydrogen chloride and phosgene.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

Acute Hazards:

Inhalation: Mist and vapors may cause mild irritation of mucous membranes and upper respiratory tract.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation with redness and tearing.

Ingestion: Swallowing may cause gastrointestinal upset and nausea.

Chronic Hazards: None currently known.

Carcinogenicity Listing: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

Acute Toxicity Values:

Dimethyloxymethane: LD50: Oral Rat 6423 mg/kg; LD50: Skin Rabbit LD50 >5000 mg/kg; LC50: Inhalation mouse LC50 57 mg/L/4 hr.

12. Ecological Information

Ecotoxicity:
Dimethyloxymethane: 96 hr EC50 Danio rerio >1000 mg/L, 48 hr LC50 daphnia magna >1000 mg/kg

Bio accumulative Potential: Dimethyloxymethane: BCF 0.6.
Mobility in Soil: No data available
Other Adverse Effects: No data available

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

14. Transport Information

	UN Number	Proper shipping name	Hazard	Packing	Environmental

			Class	Group	Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. Regulatory Information

United States:

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA Section 103: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute health.

SARA 313: Not currently known. This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

16. Other Information

REVISION SUMMARY:
May 8, 2015 Update to OSHA HazCom 2012 / GHS SDS format: Changes to all sections.
January 1, 2012 Update Revision
March 11, 2009 Update Revision
March 15, 2001 Change in formulation

Prepare by: Industrial Health & Safety Consultants, Inc.

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and the conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

CONSUMER LABELING

What is a consumer product?

OSHA Description:

- Any consumer product or hazardous substance, as those terms are defined in the Consumer Product Safety Act (15 U.S.C. 2051 et seq.) and Federal Hazardous Substances Act (15 U.S.C. 1261 et seq.) respectively.

Consumer Product Safety Commission:

- A product brought into or around a dwelling and related buildings (garages, sheds, etc.). Does not include industrial supplies – labeled as and marketed solely for industrial use.
- Includes products designed primarily for professional use but available to consumers in retail stores for non-professional use.

Who governs consumer product labeling?

OSHA exempts consumer products from labeling under OSHA.

- Any consumer product or hazardous substance as those terms are defined in the Consumer Product Safety Act (15 U.S.C. 205 et seq.) and Federal Hazardous Substances Act (15 U.S.C. 1261 et seq.) respectively, when subject to a consumer product safety standard or labeling requirement of those Acts, or regulations issued under those Acts by the Consumer Product Safety Commission

OSHA fully exempts consumer products from Hazard Communication if used in the workplace in a consumer manner.

- The Consumer Product Safety Commission (CPSC) mandates labeling for all hazardous substances that are consumer products.
- If products are sold retail and available for use around the home, they must be labeled per the CPSC.
- OSHA does require a SDS to inform workers of hazards.

This information was provided by Industrial Health & Safety Consultants, Inc. of Shelton, CT.