SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Carbon Off Liquid
MANUFACTURER: DISCOVERY PRODUCTS
ADDRESS: PO Box 399
Valley Park, MO 63088
PRODUCT USE: Carbon Remover

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>PEL</th>
<th>TLV</th>
<th>SARA 313 REPORTABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTOXY ETHANOL</td>
<td>* 111-76-2</td>
<td>50 ppm</td>
<td>20 ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>AMMONIUM HYDROXID 26BE</td>
<td>1336-21-6</td>
<td>50 ppm</td>
<td>20 ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>ETHYL ALCOHOL</td>
<td>64-17-5</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td>No</td>
</tr>
<tr>
<td>METHYL ALCOHOL</td>
<td>* 67-56-1</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>METHYLENE CHLORIDE</td>
<td>*+</td>
<td>25 ppm</td>
<td>50 ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>*+</td>
<td>100 ppm</td>
<td>50 ppm</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SECTION 2 NOTES: All of the ingredients contained in this product are listed on the TSCA inventory.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: do not expose to high temperatures or store in direct sunlight.

ROUTES OF ENTRY: EYES: Irritation, reddening, inflammation and temporal eye damage. SKIN: May cause localized dryness, and defat the skin if over exposed. INGESTION: Gastric discomfort May cause nausea and/ or diarrhea, and absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness. INHALATION: May irritate respiratory tract, lungs, and may cause fatigue, nausea, vomiting and headache. Excessive exposure can cause dizziness and unconsciousness.

ACUTE HEALTH HAZARDS: See Above CHRONIC HEALTH HAZARDS: Dermatitis, Liver and Kidney damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre existing disorders with the skin, respiratory tract, liver, kidney, Central nervous system, heart, and auditory system.

CARCINOGENICITY: OSHA: Yes ACGIH: Yes NTP: Yes IARC: Yes OTHER:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for 15 minutes, lifting lower and upper eyelids occasionally. Contact physician if irritation persists. SKIN: Wash with soap and water for 15 minutes. If irritation develops seek medical attention. INGESTION: Contact physician; do not induce vomiting unless directed by medical authority. Give large quantities of water if person is conscious. Get immediate medical attention. INHALATION: Move to fresh air. If not breathing administer artificial respiration. If breathing is difficult, give oxygen. Get medical attention. NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME): LOWER: 1.2 UPPER: 10.6
FLASH POINT: F: N/A C: N/A METHOD USED: AUTOIGNITION TEMPERATURE: F: N/A C: N/A
NFPA HAZARD CLASSIFICATION: HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0 OTHER:
HMIS HAZARD CLASSIFICATION: HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0 PROTECTION: B
EXTINGUISHING MEDIA: ABC Dry chemical fire extinguisher, CO2, Water Spray or Alcohol-resistant foam.
SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA in fire situations. Do not use solid water spray for extinguishing media.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from heat, sparks, and open flames.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Remove any source of heat, flame, or sparks. Evacuate affected area. Mop up with appropriate absorbent material. Avoid breathing fumes ventilate area. Dispose of residue in accordance with federal, state and local guidelines. Do not reuse empty container. Small releases may be wiped up with wiping material.

SECTION 7: HANDLING AND STORAGE
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
VENTILATION: Normal, forced ventilation should not be required
RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Safety glasses are always recommended when using chemicals.
SKIN PROTECTION: N/A

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A
WORK HYGIENIC PRACTICES: Wash hands after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Hazy slight yellow liquid or spray.
ODOR: Chlorinated Solvent
PHYSICAL STATE: Liquid

pH AS SUPPLIED: N/A
PERCENT VOLATILE: 91% BY WT/ BY VOL @ F: 77 C: 25

BOILING POINT: F: >104 C: >40
MELTING POINT: N/A
FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): > 100 @ F: 68 C: 20
VAPOR DENSITY (AIR = 1): > 2 @ F: 68 C: 20

SPECIFIC GRAVITY (H2O = 1) 1.17 @ F: 68 C: 20
PERCENT SOLIDS BY WEIGHT: N/A

EVAPORATION RATE (Butyl Acetate =1): >2
SOLUBILITY IN WATER: 95%

VOLATILE ORGANIC COMPOUNDS (VOC): WITH WATER: LBS/GAL
VISCOSITY: 1404 @ F: 75 C: 23.99
WITHOUT WATER: LBS/GAL

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE X UNSTABLE
CONDITIONS TO AVOID (STABILITY): Moisture, heat, sparks, and open flames

INCOMPATIBILITY (MATERIAL TO AVOID): May attack certain plastics, rubber, & coatings. Incompatible w/ strong oxidizers & caustics, chemically active metal, such as Aluminum, magnesium powder, sodium, potassium, and lithium.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Phosgene, Hydrogen Chloride Gases, Nitrogen & Carbon oxides.
HAZARDOUS POLYMERIZATION: None
CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: METHYLENE CHLORIDE - 75-09-2 – Oral rat LD50 1600 mg/kg, Inhalation rat LC50 52 g/m3
TOLUENE - 108-88-3 – Oral rat LD50: 636 mg/kg; skin rabbit LD50: 14100 uL/kg; inhalation rat LC50: 49 gm/m3/4H

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not let residue come in contact with waterways in the United States.
Methylene Chloride - This material may leach into groundwater. Will quickly evaporate in the soil and water and may biodegrade to a moderate extent in the water. Will not significantly bioaccumulate. Released in the air this material is expected to have a half-life greater than 30 days.
ENVIRONMENTAL TOXICITY: LC50/96hr for fish - >100mg/l. Not expected to be toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, State and Federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
ID NUMBER: PROPER SHIPPING NAME: ORM-D
PACKING GROUP: LABEL STATEMENT:
HAZARD CLASS:

WATER TRANSPORTATION
ID NUMBER: PROPER SHIPPING NAME: Call manufacturer
PACKING GROUP: LABEL STATEMENTS:
HAZARD CLASS:

AIR TRANSPORTATION
ID NUMBER: PROPER SHIPPING NAME: Call manufacturer
PACKING GROUP: LABEL STATEMENTS:
HAZARD CLASS:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): All Chemicals are listed
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): METHYLENE CHLORIDE - 75-09-2 - 1000
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None
311/312 HAZARD CATEGORIES: METHYLENE CHLORIDE - 75-09-2 – Acute: Yes  Chronic: Yes  Fire: No  Reactivity: No  Pressure: No
313 REPORTABLE INGREDIENTS: 2-BUTOXY ETHANOL - 111-76-2, METHYL ALCOHOL - 67-56-1, METHYLENE CHLORIDE - 75-09-2, TOLUENE - 108-88-3
STATE REGULATIONS: This product contains chemical(s) METHYLENE CHLORIDE - 75-09-2; TOLUENE - 108-88-3 known to the state of California Proposition 65 to cause birth defects or other reproductive harm and cancer.
INTERNATIONAL REGULATIONS: Austral Hazchem Code: 2Z and Inventory Status - yes;  Canada Inventory Status - DSL: yes NDSL: No;  Korea Inventory Status – Yes;
SECTION 15 NOTES:

OTHER INFORMATION:  
PREPARATION INFORMATION: Juanita Mercure
DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However there is no assumption of any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this MSDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.