1. PRODUCT AND COMPANY IDENTIFICATION

Product Name
Mothers Back to Black

Product Code(s)
06108

Recommended Use
Car care

Supplier Address
MOTHERS POLISHES WAXES CLEANERS
5456 Industrial Drive
Huntington Beach, CA 92649
TEL: 714-891-3364
FAX: 714-893-1827

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview
May cause skin and eye irritation
May cause drowsiness and dizziness.

Appearance
White

Physical State
Liquid.

Odor
Sharp

Potential Health Effects

Principle Routes of Exposure
Skin contact, Eye contact, Inhalation.

Acute Toxicity

Eyes
May cause irritation.

Skin
May cause irritation.

Inhalation
May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Ingestion
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous system depression.

Chronic Effects
Prolonged exposure may cause chronic effects.

Aggravated Medical Conditions
Central nervous system. Preexisting eye disorders. Skin disorders.

Interactions with Other Chemicals
Use of alcoholic beverages may enhance toxic effects.

Environmental Hazard
See Section 12 for additional Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>123-86-4</td>
<td>1-5</td>
</tr>
<tr>
<td>Morpholine</td>
<td>110-91-8</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>5-Chloro-2-methyl-3-isothiazolone</td>
<td>26172-55-4</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye Contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact
Wash skin with soap and water.

Inhalation
Move to fresh air.

Ingestion
Clean mouth with water and afterwards drink plenty of water.

Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties
Not flammable

Flash Point
Not applicable

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Explosion Data
Sensitivity to mechanical impact
None

Sensitivity to static discharge
None

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA
Health Hazard 1  
Flammability 1  
Stability 0  
Physical and Chemical Hazards -

HMIS
Health Hazard 1*  
Flammability 1  
Stability 0  
Personal Precautions -
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Avoid contact with eyes.

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up
Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>TWA: 150 ppm</td>
<td>STEL: 200 ppm</td>
<td>TWA: 150 ppm</td>
</tr>
<tr>
<td>Morpholine</td>
<td>TWA: 20 ppm</td>
<td>Skin</td>
<td>TWA: 20 ppm</td>
</tr>
</tbody>
</table>

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment
Eye/Face Protection
No special protective equipment required.

Skin and Body protection
No special protective equipment required.

Respiratory Protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White
Odor: Sharp

Odor Threshold: No information available
Physical State: Liquid

pH: 7.8

Flash Point: Not applicable
Autoignition Temperature: Not applicable

Decomposition Temperature: No data available
Boiling Point/Range: No data available

Melting Point/Range: No data available
Explosion Limits: No data available

Flammability Limits in Air: No data available

Specific Gravity: .996
Solubility: No data available

Evaporation Rate: No data available
Vapor Pressure: No data available

Vapor Density: No data available
VOC Content: 1%

Viscosity: 4400 cps
Partition Coefficient (n-octanol/water): No data available

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Do not freeze.

Incompatible Products: None known.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: 

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (Rat)</th>
<th>LD50 Dermal (Rabbit)</th>
<th>LC50 Inhalation (Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>10768 mg/kg</td>
<td>17600 mg/kg</td>
<td>390 ppm</td>
</tr>
<tr>
<td>Morpholine</td>
<td>1050 mg/kg</td>
<td>310 mg/kg</td>
<td>1.23 mg/L</td>
</tr>
<tr>
<td>5-Chloro-2-methyl-3-isothiazole</td>
<td>481 mg/kg</td>
<td>1008 mg/kg</td>
<td>1.23 mg/L</td>
</tr>
</tbody>
</table>

Subchronic Toxicity (28 days)

Chronic Toxicity
Chronic Toxicity
Prolonged exposure may cause chronic effects.

Carcinogenicity
There are no known carcinogenic chemicals in this product.

Mutagenicity

Reproductive Toxicity
This product does not contain any known or suspected reproductive hazards.

Target Organ Effects
Central nervous system (CNS), Eyes, Respiratory system, Skin.

Endocrine Disruptor Information
This product does not contain any known or suspected endocrine disruptors.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>EC50 = 320 mg/L 96 h</td>
<td>EC50 = 674.7 mg/L 72 h</td>
<td>EC50 = 70.0 mg/L 5 min</td>
<td>EC50 = 44 mg/L 48 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 = 82.2 mg/L 15 min</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 = 959 mg/L 18 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 = 98.9 mg/L 30 min</td>
<td></td>
</tr>
<tr>
<td>Morpholine</td>
<td>EC50 = 28.0 mg/L 96 h</td>
<td>EC50 = 57.0 mg/L 30 min</td>
<td></td>
<td>EC50 = 100.0 mg/L 24 h</td>
</tr>
<tr>
<td>5-Chloro-2-methyl-3-isothiazolone</td>
<td>EC50 = 0.31 mg/L 120 h</td>
<td>EC50 = 5.7 mg/L 16 h</td>
<td></td>
<td>EC50 = 4.71 mg/L 48 h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>1.81</td>
</tr>
<tr>
<td>Morpholine</td>
<td>-2.55</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging
Dispose of in accordance with local regulations

This product contains one or more substances that are listed with the State of California as a hazardous waste

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>Toxic</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
Not regulated

TDG
Not regulated

MEX
Not regulated
14. TRANSPORT INFORMATION

ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated
RID Not regulated
ADR Not regulated
ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Complies
EINECS/ELINCS Complies
ENCs Does not Comply
CHINA Complies
KECL Complies
PICCS Complies
AICS Complies

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>5000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td>5000 lb</td>
<td></td>
</tr>
</tbody>
</table>
### U.S. State Regulations

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Butyl acetate</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

### International Regulations

**Mexico - Grade**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butyl acetate</td>
<td></td>
<td>Mexico: TWA= 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA= 710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL= 200 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL= 950 mg/m³</td>
</tr>
</tbody>
</table>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**
Non-controlled

### 16. OTHER INFORMATION

**Issuing Date**
05-Apr-2007

**Revision Date**

**Revision Note**
No information available

**Disclaimer**
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS