

## MATERIAL SAFETY DATA SHEET

### **ZAPPER** Spot Remover

A trademark of the AIM Corporation

A NON-AEROSOL PRODUCT

#### Section 1 PRODUCT & COMPANY IDENTIFICATION

|                   |                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:     | Zapper Spot Remover                                                                                                                          |
| Product Use:      | Carpet and fabric spot cleaning. Removal of oil, tar, grease adhesive, chewing gum, etc. from carpet, upholstery, fabric and other surfaces. |
| PIN Number:       | UN 1956                                                                                                                                      |
| Distributor:      | The AIM Corporation,                                                                                                                         |
| For Information:  | 877-927-7763 (8am-5pm Mon.-Fri. PST) Zapper Products, 390 State Pl., Escondido, Ca 92029                                                     |
| In an Emergency:  | 877-927-7763 (7am-4pm Mon-Fri MST)                                                                                                           |
| Prepared By:      | Paul Templin                                                                                                                                 |
| Preparation Date: | June 28, 2003                                                                                                                                |

#### Section 2 COMPOSITION INFORMATION ON INGREDIENTS

|             |                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------|
| Components: | This section is confidential and provided on signature of a non-disclosure and non-compete agreement. |
|-------------|-------------------------------------------------------------------------------------------------------|

#### Section 3 HAZARDS IDENTIFICATION

|                           |                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency Overview:       | Avoid heating.                                                                                                                                              |
| Primary Routes of Entry:  | Skin and oral.                                                                                                                                              |
| Physical:                 | Combustible.                                                                                                                                                |
| Health Hazard:            | Skin and eye irritant.                                                                                                                                      |
| Acute Exposure            |                                                                                                                                                             |
| Eye:                      | Contact with liquid may cause severe irritation.                                                                                                            |
| Skin:                     | Contact for a few hours not expected to cause difficulty. Prolonged contact may result In local redness, irritation, and swelling.                          |
| Ingestion:                | Small amounts from fingers and hands not expected to cause problems. Large quantities may cause stinging, burning sensation, nausea, vomiting and diarrhea. |
| Vapor Inhalation:         | Not considered a hazard.                                                                                                                                    |
| Chronic Exposure:         | Not known.                                                                                                                                                  |
| Sensitization:            | Not known                                                                                                                                                   |
| Carcinogenicity Listings: | NPT-None, IARC-None, ACGIH-None.                                                                                                                            |
| Signs and Symptoms:       | Overexposure may cause pain and redness at the point of contact.                                                                                            |
| Medical Conditions        | Contact with skin may aggravate a pre-existing dermatitis.                                                                                                  |

#### Section 4 FIRST AID PROCEDURES

|             |                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|
| Eye:        | Remove any contact lenses, then immediately flush with water for at least 15 minutes. If irritation persists, contact a physician. |
| Skin:       | Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists, contact a physician.               |
| Ingestion:  | Give no more than two glasses of water. Do not induce vomiting. Immediately contact a Physician.                                   |
| Inhalation: | Remove to fresh air. If needed, obtain medical help.                                                                               |

## **Section 5 FIRE AND EXPLOSION HAZARD**

|                                                   |                                                                                                                  |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Flash Point and Method:                           | Temperature increase to 120 deg F or greater and exposure to open flame will cause ignition.                     |
| Explosion Limits:                                 | Unknown.                                                                                                         |
| Flammability Classification<br>As Defined by OSHA | (Concentrate) Combustible.                                                                                       |
| Combustion Products:                              | As with any organic material, combustion will produce carbon Monoxide.                                           |
| Extinguishing Media:                              | Water fog, carbon dioxide, dry chemical, foam.                                                                   |
| Special Fire-Fighting<br>Precautions:             | Stay up wind of a fire.<br>Fire-Fighting Equipment In closed area, use self-contained breathing apparatus (SCBA) |

## **Section 6 ACCIDENTAL RELEASE MEASURES**

|                                               |                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Procedures for Clean-up:<br>For Small Spills: | Take up with suitable absorption materials, such as sand or soil and discard in a suitable waste container. |
| Personal Precautions:                         | Use appropriate eye protection and avoid the inhalation of any mists.                                       |
| Environmental Precautions:                    | Do not allow large amounts to enter public water way.                                                       |

## **Section 7 HANDLING AND SAFE STORAGE**

|                                                          |                                                                            |
|----------------------------------------------------------|----------------------------------------------------------------------------|
| Safe Handling and Hygienic<br>the reach of<br>Practices: | Keep away from open flame or other ignition sources. Keep out of children. |
| Storage Requirements:                                    | Store below 120 degrees feirinheit.                                        |

## **Section 8 EXPOSURE CONTROLS**

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Engineering Controls: | Adequate general ventilation. Otherwise no special controls. |
| Personal Protection:  |                                                              |
| Ventilation:          | Not required under normal conditions.                        |

|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| Respiratory:    | Protection not ordinarily required. Under conditions of mist formation use a NIOSH Mask.    |
| Eye Protection: | Eye protection such as safety glasses, goggles, etc. recommended.                           |
| Gloves:         | Under conditions of sustained and extensive contact , Nitrile or Kevlar gloves recommended. |
| Ingestion:      | Do not ingest.                                                                              |

## Section 9 PHYSICAL & CHEMICAL PROPERTIES

|                             |                                                                               |
|-----------------------------|-------------------------------------------------------------------------------|
| Appearance and Odor:        | Clear colorless, citrus odor.                                                 |
| Specific Gravity:           | 0.816, 6.81 lbs/US gallons. ASTM D-4052                                       |
| Solubility in Water:        | Emulsifies.                                                                   |
| PH of Concentrate:          | Not applicable.                                                               |
| Vapor Pressure:             | (Concentrate) <0.10 mm. (Based on an analogous formulation.)<br>ASTM D-5191.  |
| Boiling Point:              | 367 - >461 Deg. F (Based on an analogous formulation.)<br>ASTMD-86.           |
| Viscosity:                  | (Concentrate) > 1.73 cps. (Based on an analogous formulation.)<br>ASTM D-445. |
| Vapor Density:              | (Air=1)4.5. (Based on an analogous formulation.)                              |
| Percent Volatile by Volume: | 88% (Estimated).                                                              |
| Freezing Point:             | Data not available.                                                           |
| Evaporation Rate:           | (Butyl Acetate=1)<1 (Estimated).                                              |

## Section 10 STABILITY & REACTIVITY

|                                              |                                                              |
|----------------------------------------------|--------------------------------------------------------------|
| Stability:                                   | Stable.                                                      |
| Conditions to Avoid:                         | Avoid high temperatures.                                     |
| Incompatibility:                             | Avoid strong oxidizing agents.                               |
| Hazardous Decomposition:<br>and projectiles. | High temperatures may cause aerosol cans to become explosive |
| Hazardous Polymerization:                    | Will not occur.                                              |

## Section 11 TOXICITY INFORMATION

Current information for this MSDS was developed from component data and from manufacturing experience.

## Section 12 ECOLOGICAL INFORMATION

Although the testing data is not available for the product, an assessment of the components suggests that this

product should not present any significant environmental impact. Product expected to biodegrade in the environment. See the section on Disposal Consideration for guidelines.

### **Section 13 DISPOSAL CONSIDERATIONS**

|                            |                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RCRA:                      | Product has been evaluated for RCRA classification and does not                                                                       |
| Waste Classification:      | meet criteria of a hazardous waste if discarded in a vented form.                                                                     |
| Volatile Organic Compound: | VOC content estimated at 12 wt.%. Product may find exemption under regulations. Consult local authorities for appropriate compliance. |
| Special Instructions:      | Dispose waste in landfill or incinerate at any approved facility.                                                                     |
| Industrial users should    | Release the can pressure before disposal of the can.                                                                                  |

### **Section 14 TRANSPORTATION**

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| DOT Labeling:          | The combustible liquid N.O.S. label is exempt in containers under 110 gallons. Regulations 49CFR173.118A |
| Proper Shipping Name:  | ORM-D. Exempted from compressed gas label. 49CFR 173.306                                                 |
| Identification Number: | UN 1956                                                                                                  |
| Hazard Class:          | Class 1                                                                                                  |

### **Section 15 REGULATORY INFORMATION**

|                                            |                                                                                                                                                                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OSHA Compliance:                           | This MSDS prepared in accordance with 29CFR 1910.1200 and ANSI Z400.1 Standard for the preparation of Material Safety Data Sheets.                                                                                    |
| TSCA:                                      | Although components of this product find listing under the Toxic Substances Control Act (TSCA) regulations, this blended product requires no import or export regulations.                                            |
| SARA Title III Superfund:                  | This product, in its purchased form, is not regulated under the hazard categories of section 311 and 312 of the Superfund Amendment and the Reauthorization Act of 1986 (SARA Title III).                             |
| CERCLA, State and Local Planning (R.Q.'s): | Not required.                                                                                                                                                                                                         |
| State Right-To-Know                        |                                                                                                                                                                                                                       |
| Pennsylvania:                              | Not regulated.                                                                                                                                                                                                        |
| New Jersey:                                | Not regulated.                                                                                                                                                                                                        |
| California:                                | In compliance with the Safe Drinking and Toxic Enforcement Act of 1986 (Proposition 65) to provide a clear and reasonable warning, which is listed by the Governor of the State of California as required by the Act. |

## **Section 16 OTHER INFORMATION**

Hazard Rating: Health – 1 Flammability – 1 Reactivity – 0.

Based on the NFPA 704 Standard.

None = 0 Slight = 1 Moderate = 2 Severe damage = 3 Extreme = 4

The information expressed herein are those of qualified experts and other reliable sources. We believe that the information contained herein is accurate and current as of the date of this Material Safety Data Sheet. Since the application in use of the information contained herein, and the conditions of use of the product are not under our control; the user must evaluate and determine whether the conditions for use and application of the product, including proper disposal thereof, are appropriate, safe, and legal.