

# MATERIAL SAFETY DATA SHEET (MSDS)

## SECTION 1: PRODUCT IDENTIFICATION AND USE

**Product Name:** Toner Aide  
**Manufacturer:** SprayWay, Inc.  
**Manufacturer's address:** 484 Vista Avenue, Addison, IL 60101  
**Telephone number for information:** 1-630-628-3000  
**Telephone number for emergencies:** 1-800-228-5635 ext.009  
**Preparer:** Ron Cepa **Prepare Date:** 12/12/00

## SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**Product Hazard Ratings:** Health - 2, Fire - 4, Reactivity - 0, Protective Equipment - B  
(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

<u>Chemical Names</u>	<u>Exposure Limits</u> <u>% By Wt.</u> <u>(LD50 - Oral Rat)</u>	<u>SARA Title III</u> <u>SEC 313</u>	<u>ACGIH</u> <u>TLV/TWA</u>	<u>OSHA</u> <u>PEL</u>
Trichloroethylene (CAS#79-01-6)	>4.9 g/kg 10-20	YES	50ppm	50ppm
Stoddard Solvent (CAS#8052-41-3)	ND 0-5	NO	100ppm	ND
Butyl Cellosolve (CAS#111-76-2)	ND 0-5	NO	25ppm	25ppm
Butyl Acetate (CAS#123-86-4)	14130 mg/kg 20-30	NO	150ppm	150ppm
Acetone (CAS#67-64-1)	5800 mg/kg 5-10	YES	500ppm	1000ppm
Liquified Petroleum Gas (CAS#74-98-6)	ND 40-50	NO	800ppm	ND

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.  
Components Listed As A Suspected Carcinogen: This product contains trichloroethylene, a chemical known to the State of California and IARC to cause cancer.

## SECTION 3: PHYSICAL CHARACTERISTICS

**Boiling Point:** NA **Vapor Pressure (psig):**  
98@130F  
**Specific Gravity (H20=1):** >1.0 **Solubility/Water:**  
Negligible  
**Vapor Density (AIR=1):** >1 **Evaporation Rate (Ether=1):**  
<1  
**Appearance and odor:** Colorless liquid with solvent (butyl acetate odor)

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

**Aerosol Flammability:** This product is considered to be extremely flammable as described in 16CFR 1500.45.  
**Flammable Limits:** % Volume In Air (Propellant): LEL: 1.8 UEL: 9.5  
**Extinguishing Media:** Carbon dioxide, foam and/or dry chemical may be used.  
**Special Fire Fighting Procedures:** Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.  
**Unusual Fire and Explosion Hazards:** At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure. \*Concentrated vapors can be ignited by a high intensity heat

source.

## **SECTION 5: REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	N.A.
<b>Incompatibility, materials to avoid:</b>	Oxidizing agents, alkali earth metals, caustic soda, acids.
<b>Hazardous decomposition products:</b>	Hydrogen chloride, carbon oxides.
<b>Conditions to avoid:</b>	Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.

## **SECTION 6: HEALTH HAZARD DATA**

<b>Route(s) of Entry:</b>	Inhalation: X   Eyes: X   Skin: X   Ingestion: X
<b>Signs and Symptoms of Exposure:</b>	High concentrations or prolonged exposure to lower concentrations may cause respiratory irritation and nervous system depression. Prolonged skin contact can cause defatting and drying of the skin, irritation and dermatitis. Eye contact may result in irritation. Ingestion may result in gastrointestinal irritation and possible central nervous system depression.

## SECTION 6: HEALTH HAZARD DATA (CONTINUED)

### Medical Conditions Generally aggravated by exposure:

Preexisting skin or eye and respiratory disorders may be aggravated by exposure to this product.

### Emergency and First Aid Procedures:

#### Eye Contact:

Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.

#### Skin Contact:

Remove contaminated clothing. Flush skin with water, follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

#### Inhalation:

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

#### Ingestion:

Do not induce vomiting. Get medical attention immediately.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

### Releases or Spilled:

Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

### Waste Disposal Method:

Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

### Handling and Storing:

Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 2 Aerosol (NFPA 30B).

### Other Precautions:

Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

## SECTION 8: EMPLOYEE PROTECTION

### Respiratory Protection:

None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

### Ventilation:

Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

### Protective Gloves:

Chemical resistant gloves\*.

### Eye Protection:

Chemical safety glasses are recommended\*.

### Other Protective Clothing or

### Equipment:

Wear impervious clothing to prevent skin contact.

### Work/Hygienic Practices:

Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

## SECTION 9: OTHER REGULATORY CONTROLS

### Governmental Listings:

Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

## SECTION 10: TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)

### Shipping Name:

Consumer Commodity

### Hazard Class:

ORM-D

## SECTION 11: OTHER

NG - Negligible

NA - Not Applicable

NE - Not Established

UN - Unavailable

ND - Not Determined

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As of: April 22, 1998

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