

# Safety Data Sheet

Product Name: Aerosol Glass Cleaner

Product identifier: S-50

Revision Date: 07-18-2015

Replaces:

# Auto Magic

Professional Car Care<sup>®</sup>

## 1. Identification

**Product Name:** Aerosol Glass Cleaner  
**Product identifier:** S-50  
**Relevant identified uses of the substance or mixture and uses advised against:** Glass Cleaner

**Chemical Manufacturer / Importer / Distributor:** ITW Evercoat  
a division of Illinois Tool Works Inc.  
1275 Round Table Drive  
Dallas, TX 75247

**Emergency telephone number:** CHEMTREC: 1-800-424-9300  
CANUTEC: 1-613-996-6666

## 2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols:



**GHS Classification:** Flammable Liquid Category 1  
Germ Cell Mutagenicity Category 1B  
Carcinogenicity Category 1A  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A

**GHS Signal Word:** Danger

**GHS Hazard Statements:** Extremely flammable liquid and vapour.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause genetic defects..  
May cause cancer.

**GHS Precautionary Statements:**

**Safety Precautions:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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**First Aid Measures:** Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.  
IF ON SKIN: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Specific treatment (see on this label).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
In case of fire: Use for extinction.

**Storage:** Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

**Hazards not otherwise classified:** No data available

### 3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
2-Butoxyethanol	111-76-2	5 - 10
Ethyl Alcohol	64-17-5	5 - 10
Butane	106-97-8	1 - 5
Propane	74-98-6	1 - 5

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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## 4. First-aid measures

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
<b>Skin Contact:</b>	Wash with soap and water. Remove contaminated clothing and laundry. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
<b>Ingestion:</b>	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.
<b>Immediate medical attention and special treatment needed,:</b>	No additional first aid information available

## 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire.
<b>Unsuitable extinguishing media:</b>	No data available
<b>Fire and/or Explosion Hazards:</b>	Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back
<b>Hazardous Combustion Products:</b>	Carbon dioxide, Carbon monoxide
<b>Special protective equipment and precautions for fire-fighters:</b>	Do not enter fire area without proper protection including self-contained toxic breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

## 7. Handling and storage

### Precautions for safe handling:

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment

### Conditions for safe storage:

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition

### Materials to Avoid/Chemical Incompatibility::

Oxidizing materials

## 8. Exposure controls/personal protection

### Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Propane	1000 ppm	2500 ppm	
Butane	No PEL established	800 ppm	

### Appropriate engineering controls.:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Explosion proof exhaust ventilation should be used. Engineering controls must be designed to control vapor concentrations to below levels published in 29 CFR 1910.1000. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

### Eye Protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

### Skin Protection:

Wear protective gloves. Inspect gloves for chemical break-through

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**Respiratory Protection:** and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Respiratory protection will be required when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. Wear a NIOSH approved respirator if any exposure is possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

**General Hygiene Conditions:** Use spark-proof tools and explosion-proof equipment

## 9. Physical and chemical properties

<b>Appearance (physical state):</b>	Liquid with propellant
<b>Color:</b>	Clear
<b>Odor:</b>	Aromatic solvent odor
<b>Odor threshold:</b>	No data available
<b>pH:</b>	10
<b>Melting Point/Freezing Point (°C):</b>	No data available
<b>Initial Boiling Point and Boiling Range (°C):</b>	No data available
<b>Flash Point (°C):</b>	-104
<b>Evaporation Rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper Flammable/Explosive Limit:</b>	No data available
<b>Lower Flammable/Explosive Limit:</b>	No data available
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Relative Density:</b>	0.97
<b>Solubility(ies):</b>	No data available
<b>Partition coefficient: n-octanol/water:</b>	2.36
<b>Auto-ignition Temperature (°C):</b>	287 °C
<b>Decomposition Temperature::</b>	No data available
<b>Viscosity:</b>	No data available

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	None known. Elevated temperatures.
<b>Incompatible materials:</b>	Oxidizing materials

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## 11. Toxicological information

**Likely routes of exposure (inhalation, ingestion, skin and eye contact):** Inhalation, Skin contact, Eye contact

### Immediate (Acute) Health Effects by Route of Exposure:

**Inhalation Irritation:** Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. This product is an asphyxiant gas that can cause unconsciousness or death if Oxygen levels are sufficiently reduced.

**Inhalation Toxicity:** Toxic! Can cause systemic damage (see "Target Organs). Respiratory failure is possible at high doses.

**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Skin Absorption:** No absorption hazard in normal industrial use.

**Eye Contact:** Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

**Ingestion Irritation:** No hazard in normal industrial use.

### Long-Term (Chronic) Health Effects:

**Carcinogenicity:** May cause cancer.

**Reproductive and Developmental Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

**Mutagenicity:** May cause genetic defects..

**Inhalation:** Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Toxic! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs).

**Skin Contact:** Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Skin Absorption:** Upon prolonged or repeated exposure, no hazard in normal industrial use.

### Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

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## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** This material is not expected to be harmful to the ecology.

**Persistence and degradability:** No data available

**Mobility in soil:** No data available

**Other adverse effects (such as hazardous to the ozone layer):** No data available

### Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			

## 13. Disposal considerations

**Description of waste residues:** Spent or discarded material is a hazardous waste.

**Waste treatment methods (including packaging):** Dispose of by incineration following Federal, State, Local, or Provincial regulations.

**Waste Disposal Code(s):** D001

## 14. Transport information

**UN proper shipping name:** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 15. Regulatory information

**TSCA Status:** All components in this product are on the TSCA Inventory.

### Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
No data available					

## 16. Other information, including date of preparation or last revision.

**Revision Date:** 07-18-2015

**Revision Number:** 10

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