Product Name: GLASS CLEANER CONC. 1 GAL Product identifier: 46 Revision Date: 03-03-2015 Replaces:



#### 1. Identification

Product Name: Product identifier: Relevant identified uses of the substance or mixture and uses advised against:	GLASS CLEANER CONC. 1 GAL 46 Glass Cleaner Concentrate
Chemical Manufacturer / Importer:	Auto Wax - An ITW Company Auto Magic® 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 Classification:	Not classified as hazardous under GHS
Hazards not otherwise classified:	MEDICAL CONDITIONS AGGRAVATED: dermatitis may be aggravated by excessive exposure to skin.

### 3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
No Hazardous Ingredients		

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

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4. First-aid measures	
Eye Contact:	None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush eye with water for 20 minutes. Get medical attention. Seek medical advice if symptoms persist
Skin Contact:	Wash with soap and water. Wash affected area thoroughly with soap and water.
Inhalation:	This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure. If inhaled, remove victim from exposure to a well-ventilated area.
Ingestion:	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. Do not induce vomiting unless directed to do so by medical personnel. Call a physician or poison control center immediately.
Most important symptoms/effects (Delayed:	Eye contact may cause burns, irritation, tearing and corneal damage. Ingestion may cause nausea and irritation.
Immediate medical attention and special treatment needed,:	No additional first aid information available

5. Fire-fighting measures

Suitable extinguishing media:	Not combustible. Use extinguishing media appropriate for surrounding fire. Water spray Alcohol foam Dry chemical Carbon dioxide
Unsuitable extinguishing media: Fire and/or Explosion Hazards: Hazardous Combustion	No data available Material will not ignite or burn. Material will not burn. Carbon monoxide, Carbon dioxide
Products: Special protective equipment and precautions for fire- fighters:	Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

6. Accidental release measures

Personal precautions,	No adverse health affects expected from the clean-up of spilled
protective equipment and	material. Follow personal protective equipment recommendations
emergency procedures:	found in Section VIII of this MSDS.
Methods and material for	No special spill clean-up considerations. Collect and discard in
containment and cleaning up:	regular trash. SMALL SPILL: Contain and collect with absorbent.
	LARGE SPILLS: Shut off leak if safe to do so. Use an inert absorbent

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> such as sand or vermiculite. Place in properly labeled closed container. Prevent spilled material from contaminating soil, entering sanitary sewers, storm sewers, and drainage systems, and entering bodies of water or ditches that lead to waterways.

7. Handling and storage	
Precautions for safe handling:	No special handling instructions due to toxicity. Keep out of the reach of children.
Conditions for safe storage:	No special requirements Keep from freezing, STORAGE TEMPERATURE: 32°F Minimum to 100°F Maximum. Shelf life is one
	year.
Materials to Avoid/Chemical Incompatibility::	Strong oxidizing agents

### 8. Exposure controls/personal protection

### <u>Limits:</u>

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
No data available			
Appropriate engineering controls.:	No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits.		
Eye Protection:	No special requirements under normal industrial use. Safety Glasses or goggles with splash guards or side shields.		
Skin Protection:	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Use Nitrile/Vinyl gloves		
Respiratory Protection:	No respiratory protection re	quired under normal conditior ordinarily required under norm	
Other Protective Equipment:	Safety Glasses or goggles wi Nitrile/ Vinyl gloves	th splash guards or side shields	s. Use
General Hygiene Conditions:	Keep out of the reach of chil	dren.	

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### 9. Physical and chemical properties

Appearance (physical state): Color: Odor: Odor threshold: pH:	Liquid Blue Typical No data available 9
Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	100
Flash Point (°C):	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper Flammable/Explosive Limit:	No data available
Lower Flammable/Explosive Limit:	No data available
Vapor Pressure:	17.5 MMHG@20C/68F
Vapor Density:	No data available
Relative Density:	1
Solubility(ies):	Complete; 100%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature::	No data available
Viscosity:	No data available

# 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.
Conditions to avoid:	None known.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition	Carbon dioxide Carbon monoxide
products:	

# 11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact):	Skin contact, Absorption, Eye contact, Ingestion	
Immediate (Acute) Health Effects	by Route of Exposure:	
Inhalation Irritation:	No hazard in normal industrial use. No hazard in normal industrial use.	
Skin Contact:	No hazard in normal industrial use.	
Skin Absorption:	Causes skin irritation.	
Eye Contact:	No hazard in normal industrial use. Can cause irritation.	
Ingestion Irritation:	No hazard in normal industrial use. This product may be harmful or fatal if	

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#### swallowed.

Long-Term (Chronic) Health Effect	<u>ets:</u>
Carcinogenicity:	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
Reproductive and	No data available to indicate product or any components present at greater than
Developmental Toxicity:	0.1% may cause birth defects.
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation:	Upon prolonged and/or repeated exposure, no hazard in normal industrial use.
Skin Contact:	Unlikely to cause irritation even on repeated contact.

## 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			

# 12. Ecological information

Ecotoxicity (aquatic and	This material is not expected to be harmful to the ecology.		
terrestrial, where available):			
Persistence and degradability:	No data available All ingredients are considered biodegra	adable.	
Mobility in soil:	No data available		
Other adverse effects (such as	No data available		
hazardous to the ozone layer):			

### **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 non-hazardous according to environmental regulations.
Safe Handling of Waste:	Disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.
Waste treatment methods (including packaging):	Dispose of in a landfill. Disposal is not likely to be regulated.

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 chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

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#### **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.	
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Revision Date:	03-03-2015
Revision Number:	1

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