

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

Product identifier: 92-S

Revision Date: 08-19-2016

Replaces:

# Auto Magic

Professional Car Care<sup>®</sup>

## 1. Identification

Product identifier used on the label:

Product Name: Orange Citrus Cleaner Aerosol

Product identifier: 92-S

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: Various industrial uses and applications

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

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

Emergency phone 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

GHS Signal Word: Danger

GHS Hazard Statements: Extremely flammable liquid and vapour.  
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.

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

Product identifier: 92-S

Revision Date: 08-19-2016

Replaces:

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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.

Wear protective gloves/protective clothing/eye protection/face protection.

## First Aid Measures:

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

IF exposed or concerned: Get medical advice/attention.

In case of fire: Use appropriate media to extinguish.

## 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
Propane	74-98-6	5 - 10
Butane	106-97-8	1 - 5

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

### 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

#### Eye Contact:

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.

#### Skin Contact:

Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

#### Inhalation:

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.

#### Ingestion:

No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

Product identifier: 92-S

Revision Date: 08-19-2016

Replaces:

provider with this MSDS.

**Most important symptoms/effects, acute and delayed:**

**Most important symptoms/effects (Acute):** No data available

**Most important symptoms/effects (Delayed):** No data available

**Indication of immediate medical attention and special treatment needed, if necessary:** No additional first aid information available

## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:** 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.

**Unsuitable extinguishing media:** No data available

**Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):**

**Fire and/or Explosion Hazards:** 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

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

**Special protective equipment and precautions for fire-fighters:** 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.

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

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Revision Date: 08-19-2016

Replaces:

## 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.

**Methods and materials for containment and cleaning up:**

No special spill clean-up considerations. Collect and discard in regular trash.

## 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, including any incompatibilities**

**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

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

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

**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.

**Individual protection measures, such as personal protective equipment:**

**Eye Protection:**

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

Product identifier: 92-S

Revision Date: 08-19-2016

Replaces:

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 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:** 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.

## 9. Physical and chemical properties

**Appearance (physical state, color, etc.):**

**Appearance (physical state):** Liquid with propellant

**Color:** No data available

**Odor:** No data available

**Odor threshold:** No data available

**pH:** No data available

**Melting Point/Freezing Point (°C):** No data available

**Initial Boiling Point and Boiling Range (°C):** -42

**Flash Point (°C):** -104.4

**Evaporation Rate:** No data available

**Flammability (solid, gas):** No data available

**Upper/lower flammability or explosive limits:**

**Upper Flammable/Explosive Limit (%):** 9.5 %

**Lower Flammable/Explosive Limit (%):** 2.3 %

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 0.95

**Solubility(ies):** No data available

**Partition coefficient: n-octanol/water:** 2.36

**Auto-ignition Temperature (°C):** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

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## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No data available
Conditions to avoid (e.g., static discharge, shock, or vibration):	Elevated temperatures
Incompatible materials:	Oxidizing materials

## 11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Skin contact, Inhalation, Eye contact
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

**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.

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

Product identifier: 92-S

Revision Date: 08-19-2016

Replaces:

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

**Numerical measures of toxicity (such as acute toxicity estimates)**

**Component Toxicology Data**

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Butane			Inhalation LC50 (4h) Rat 658 g/m3

**Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA**

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available	N	N	N

## 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

**Bioaccumulative potential:** No data

**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 and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging**

**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 number:** 1950

**UN proper shipping name:** AEROSOLS

**Transport hazard class(es):** 2.1

# Safety Data Sheet

Product Name: Orange Citrus Cleaner Aerosol

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Revision Date: 08-19-2016

Replaces:

**Packing group:** No data available

The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

## 15. Regulatory information

**Safety, health and environmental regulations specific for the product in question**

**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		N	N	N	N

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

**Revision Date:** 08-19-2016

**Revision Number:** 7

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