

# Material Safety Data Sheet

## 30-1550-00 Maximum Glass Cleaner

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Betson Imperial Parts & Service Co.  
303 Paterson Plank Rd.  
Carlstadt, NJ 07072  
1 (800) 828-2048

Product Name: Maximum Glass Cleaner  
Product Code: 30-1550-00  
Version Date: 06/30/14  
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	ACGIH TLV	Exposure Limits	
			OSHA PEL	OTHER
Hydrocarbon propellant	68476-86-8	Not established	Not established	Not established
2-propanone	67-64-1	500 ppm TWA	1000 ppm	Not established
Ethanol	64-17-5	1000ppm TWA	1000ppm TWA	Not established
Glycol ether	111-76-2	20 ppm [skin]	50 ppm [skin]	Not established

### 3. HAZARDS IDENTIFICATION

#### POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause frostbite and irritation. May cause eye irritation. Symptoms may include stinging, tearing, and redness.  
Skin : Liquid may cause frostbite. Skin contact may cause irritation. Symptoms may include redness, discomfort, drying and cracking, or rash. May be harmful if absorbed through the skin.  
Ingestion : Frostbite of the lips and mouth may result from contact with the liquid. Swallowing small amounts during handling is not likely to cause harmful effects. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. May be harmful if swallowed. This material is an aspiration hazard.  
Inhalation : May cause nausea, vomiting, coughing and pulmonary irritation. Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects, such as confusion, impaired coordination, coma, and death. Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination. Gross overexposure may be fatal.

#### POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain. This material (or a component) shortens the time onset or worsens the liver and kidney damage induced by other chemicals. Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin. Acute lethal exposures in animal studies of a product component has resulted in congestion of organs including kidney, spleen and lungs. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible kidney effects. mild, reversible liver effects. blood abnormalities.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

#### MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Respiratory related chronic illnesses (i.e. asthma, etc.). Skin contact may aggravate an existing dermatitis.

#### HMIS® III\* HAZARDOUS WARNINGS:

Health: 2 Flammability: 2 Physical: 0 Personal Protective Equipment: See Section 8

\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

### 4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.  
Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Seek medical attention if symptoms persist. Wash clothing before reuse. For liquid contact, treat for frostbite if necessary.  
Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.  
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone. Seek immediate medical attention. Keep the victim warm and quiet.

#### NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); liver; kidney; blood forming system;

### 5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Product is water based material, containing minor amounts of flammable ingredients. This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by

ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Vapors are heavier than air and may accumulate in low areas. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

Fire Fighting Instructions: Use water spray, foam, dry chemical, or CO<sub>2</sub>. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Flash Point: Not applicable °F PMCC °C PMCC

Lower Flammability Limit: Not applicable

Upper Flammability Limit: Not applicable

Autoignition Temperature: Not applicable °F

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

## 7. HANDLING AND STORAGE

Handling: This material can be harmful or irritating. Use with adequate ventilation. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Wear proper protective equipment. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Avoid prolonged or repeated contact with skin. Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor.

Storage: Do not store at temperatures above 120 degrees F. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store in a cool, dry, well ventilated area away from all sources of ignition. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation is required to maintain operator exposure below published exposure limits. Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.

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: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.16
Appearance:	Clear Colorless	Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)
Odor:	None to very faint	Solubility in Water:	Complete; 100%
Specific Gravity:	0.96 (H <sub>2</sub> O=1)	Boiling Point:	No data available °F
Vapor Pressure:	53.00 PSIG @ 70°F	pH:	Not applicable

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Acids. Peroxides. Alkaline earth metals. Strong acids. Contact with nitric and sulfuric acids will form nitroresols that can decompose violently. Strong alkalis.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

## 11. DISPOSAL CONSIDERATIONS

Disposal: Dispose according to Federal, State and local regulations.

## 12. TRANSPORTATION INFORMATION

Agency	Proper Shipping name	UN Number	Hazard Class	Packing Group
DOT	Aerosols, non-flammable *	UN1950	2.2	Not applicable
IATA	Aerosols, non-flammable *	UN1950	2.2	Not applicable
IMDG	Aerosols, non-flammable *	UN1950	2.2	Not applicable

\* "Limited Quantities" may be applicable for this transportation mode.

## 13. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section.

Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section.

Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

**This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Betson Imperial Parts & Service, it is the user's obligation to determine the conditions of safe use.**