



## SAFETY DATA SHEET

### Section 1 Product and Company Identification

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Product Name: PLASMA – W.T.™  
Recommend Use: Plasma Water Table Corrosion Inhibitor  
Issue Date: July 16, 2019  
Revision #: 2 (two)

Manufacturer: SYNTHETIC LUBRICANTS, INC  
Address: 1411 Callaghan Drive  
Greenville, MI 48838  
Telephone Number: (800) 848-5823

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### Section 2 Hazard Identification



WARNING

#### Hazard Statements: (IN FULL CONCENTRATION)

Routes of exposure: Inhalation, Ingestion. Skin contact. Eye contact.  
Eyes: Causes eye irritation.  
Skin: Causes skin irritation.  
Inhalation: Health injuries are not known or expected under normal use.  
Ingestion: Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Precautionary Statements:

Eyes: Irrigate with flowing water immediately for at least 15 minutes. Consult medical assistance.  
Skin: Wash off immediately with plenty of water for 15 minutes. Remove contaminated clothing and wash thoroughly.  
Ingestion: Do not induce vomiting. Get medical attention immediately if symptoms occur.  
Inhalation: If effects occur, remove to fresh air. Consult medical authorities.

### Section 3 Composition/Information

<u>CAS#</u>	<u>Component</u>	<u>Weight %</u>
57-55-6	1,2-Propylene glycol	> 80%

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### Section 4 First-Aid

Eyes: Rinse immediately with plenty of water for at least 15 minutes. Consult medical assistance.

Skin: Wash off immediately with plenty of water for 15 minutes. Remove contaminated clothing and wash thoroughly. Seek medical help if symptoms occur.

Ingestion: Do not induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation: If effects occur, remove to fresh air. Consult medical authorities.

Notes to Physician: Treat symptomatically

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### Section 5 Fire & Explosion Data

Extinguishing Media: Use Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Flash Point: 99 °C / 210.2 °F

Auto-ignition Temperature: 400 °C / 752 °F

Explosive Limits: Upper: 12.6 vol %, Lower: 2.6 vol %

Fire Fighting Equip: This water-based product will not burn. As in any fire, respiratory protection should be considered.

General Fire Hazards Carbon monoxide (CO) Carbon Dioxide (CO<sub>2</sub>)

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### Section 6 Accidental Release

Leaks & Spills: Ensure adequate ventilation. For large spills: contain with absorbent materials and institute clean-up efforts to recover the spilled liquid. Keep in suitable, closed containers for disposal. This should not be released into the environment.

Disposal Method: Follow all local, State, and Federal regulations.

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### Section 7 Handling and Storage

Handling: Ensure adequate ventilation. Wear personal protective equipment.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Wash hands after handling. Do not eat, drink or smoke while handling this product.

Transportation: Is not regulated as a hazardous material

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## Section 8 Exposure Controls/ Personal Protection

Ventilation:	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Skin Protection:	Wear appropriate protective gloves and clothing to prevent skin exposure. Handle in accordance with good industrial hygiene and safety practice.
Eye Protection:	Eye contact with the stock product should be avoided. Wear appropriate eye protection.
Respiratory Protection:	Use approved respirator if exposure limit are exceeded or if irritation or other symptoms are experienced.

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## Section 9 Physical and Chemical Properties

### Appearance:

In Concentrate: Clear Lt. Orange Liquid / In Dilution: Clear Brilliant Green

Odor: Odorless

Flash Point: 99°C / 210.2°F

Flammability/Explosive Limits: Upper: 12.6 vol %, Lower: 2.6 vol %

pH Level: 9.0-9.5 100 g/l aq. Sol

Evaporation Rate: No information available

Melting Point/Range: -60 °C / -76 °F

Boiling Point: 187 °C / 368.6 °F

Vapor Pressure: 0.13 mbar @20 °C

Vapor Density: 2.62 (Air = 1.0)

Auto-ignition Temperature: 400 °C / 752 °F

Specific Gravity: 1.03- 1.04

Decomposition Temperature: No information given

Relative Density: N/A

Viscosity: 45 mPa.s at 20 °C

Molecular Weight: 76.10

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## Section 10 Stability and Reactivity

Reactive Hazard:	None Known, based on available information
Stability:	Hygroscopic
Incompatibility:	Strong oxidizing agents, Acids
Conditions to Avoid:	Excess heat, Exposure to moist air or water
Hazardous Decomposition Products:	Carbon monoxide (CO), Carbon Dioxide (CO <sub>2</sub> )
Hazardous Polymerization:	Does not occur
Hazardous Reactions:	None under normal processing

## Section 11 Toxicological Information

Avoid unnecessary skin and eye contact with stock product, as supplied. Avoid breathing any vapors that are generated by stock product. Do not contaminate food or drink. This product is not thought to be a serious carcinogenic threat. The active ingredient in this product has not been listed by OSHA, ACGIH, National Cancer Institute (NC), National Toxicology Program (NTP), the Environmental Protection Agency (USEPA) or the International Agency for Research on Cancer (IARC) as a carcinogen. This product does not contain any Proposition 65 chemicals.

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## Section 12 Ecological Information\*

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## Section 13 Disposal (see Section 6)

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## Section 14 Transport Information (see Section 7)

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## Section 15 Regulatory Information\*

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HMIS ratings    Health: 1  
                    Flammability: 1  
                    Physical hazard: n/a

Revision Number: 2  
NFPA ratings    Health: 1  
                    Flammability: 1  
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\* Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(G) (2)).



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### Section 7 Handling and Storage

Handling: Ensure adequate ventilation. Wear personal protective equipment.

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## Section 8 Exposure Controls/ Personal Protection

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Evaporation Rate: No information available

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Decomposition Temperature: No information given

Relative Density: N/A

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Molecular Weight: 76.10

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Incompatibility: Strong oxidizing agents, Acids

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Hazardous Decomposition Products: Carbon monoxide (CO), Carbon Dioxide (CO<sub>2</sub>)

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General Fire Hazards Carbon monoxide (CO) Carbon Dioxide (CO<sub>2</sub>)

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Leaks & Spills: Ensure adequate ventilation. For large spills: contain with absorbent materials and institute clean-up efforts to recover the spilled liquid. Keep in suitable, closed containers for disposal. This should not be released into the environment.

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Handling: Ensure adequate ventilation. Wear personal protective equipment.

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                    Flammability: 1  
                    Physical hazard: n/a

Revision Number: 2  
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                    Flammability: 1  
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<u>CAS#</u>	<u>Component</u>	<u>Weight %</u>
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Extinguishing Media: Use Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

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General Fire Hazards Carbon monoxide (CO) Carbon Dioxide (CO<sub>2</sub>)

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Leaks & Spills: Ensure adequate ventilation. For large spills: contain with absorbent materials and institute clean-up efforts to recover the spilled liquid. Keep in suitable, closed containers for disposal. This should not be released into the environment.

Disposal Method: Follow all local, State, and Federal regulations.

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### Section 7 Handling and Storage

Handling: Ensure adequate ventilation. Wear personal protective equipment.

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Incompatibility:	Strong oxidizing agents, Acids
Conditions to Avoid:	Excess heat, Exposure to moist air or water
Hazardous Decomposition Products:	Carbon monoxide (CO), Carbon Dioxide (CO <sub>2</sub> )
Hazardous Polymerization:	Does not occur
Hazardous Reactions:	None under normal processing

## Section 11 Toxicological Information

Avoid unnecessary skin and eye contact with stock product, as supplied. Avoid breathing any vapors that are generated by stock product. Do not contaminate food or drink. This product is not thought to be a serious carcinogenic threat. The active ingredient in this product has not been listed by OSHA, ACGIH, National Cancer Institute (NC), National Toxicology Program (NTP), the Environmental Protection Agency (USEPA) or the International Agency for Research on Cancer (IARC) as a carcinogen. This product does not contain any Proposition 65 chemicals.

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## Section 12 Ecological Information\*

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## Section 13 Disposal (see Section 6)

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## Section 14 Transport Information (see Section 7)

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## Section 15 Regulatory Information\*

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## Section 16 Other Information

The information in this SDS was obtained from sources that we believe are reliable. However, this information is provided without any representation or warranty, express or implied, regarding the accuracy or correctness of this information.

The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For these and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of this product once sold and delivered.

Date of Preparation: July 16, 2019  
HMIS ratings    Health: 1  
                    Flammability: 1  
                    Physical hazard: n/a

Revision Number: 2  
NFPA ratings    Health: 1  
                    Flammability: 1  
                    Instability: 0

\* Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(G) (2)).



## SAFETY DATA SHEET

### Section 1 Product and Company Identification

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Product Name: PLASMA – W.T.™  
Recommend Use: Plasma Water Table Corrosion Inhibitor  
Issue Date: July 16, 2019  
Revision #: 2 (two)

Manufacturer: SYNTHETIC LUBRICANTS, INC  
Address: 1411 Callaghan Drive  
Greenville, MI 48838  
Telephone Number: (800) 848-5823

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### Section 2 Hazard Identification



WARNING

#### Hazard Statements: (IN FULL CONCENTRATION)

Routes of exposure: Inhalation, Ingestion. Skin contact. Eye contact.  
Eyes: Causes eye irritation.  
Skin: Causes skin irritation.  
Inhalation: Health injuries are not known or expected under normal use.  
Ingestion: Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Precautionary Statements:

Eyes: Irrigate with flowing water immediately for at least 15 minutes. Consult medical assistance.  
Skin: Wash off immediately with plenty of water for 15 minutes. Remove contaminated clothing and wash thoroughly.  
Ingestion: Do not induce vomiting. Get medical attention immediately if symptoms occur.  
Inhalation: If effects occur, remove to fresh air. Consult medical authorities.

### Section 3 Composition/Information

<u>CAS#</u>	<u>Component</u>	<u>Weight %</u>
57-55-6	1,2-Propylene glycol	> 80%

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### Section 4 First-Aid

Eyes: Rinse immediately with plenty of water for at least 15 minutes. Consult medical assistance.

Skin: Wash off immediately with plenty of water for 15 minutes. Remove contaminated clothing and wash thoroughly. Seek medical help if symptoms occur.

Ingestion: Do not induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation: If effects occur, remove to fresh air. Consult medical authorities.

Notes to Physician: Treat symptomatically

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### Section 5 Fire & Explosion Data

Extinguishing Media: Use Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Flash Point: 99 °C / 210.2 °F

Auto-ignition Temperature: 400 °C / 752 °F

Explosive Limits: Upper: 12.6 vol %, Lower: 2.6 vol %

Fire Fighting Equip: This water-based product will not burn. As in any fire, respiratory protection should be considered.

General Fire Hazards Carbon monoxide (CO) Carbon Dioxide (CO<sub>2</sub>)

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### Section 6 Accidental Release

Leaks & Spills: Ensure adequate ventilation. For large spills: contain with absorbent materials and institute clean-up efforts to recover the spilled liquid. Keep in suitable, closed containers for disposal. This should not be released into the environment.

Disposal Method: Follow all local, State, and Federal regulations.

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### Section 7 Handling and Storage

Handling: Ensure adequate ventilation. Wear personal protective equipment.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Wash hands after handling. Do not eat, drink or smoke while handling this product.

Transportation: Is not regulated as a hazardous material

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## Section 8 Exposure Controls/ Personal Protection

Ventilation:	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Skin Protection:	Wear appropriate protective gloves and clothing to prevent skin exposure. Handle in accordance with good industrial hygiene and safety practice.
Eye Protection:	Eye contact with the stock product should be avoided. Wear appropriate eye protection.
Respiratory Protection:	Use approved respirator if exposure limit are exceeded or if irritation or other symptoms are experienced.

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## Section 9 Physical and Chemical Properties

### Appearance:

In Concentrate: Clear Lt. Orange Liquid / In Dilution: Clear Brilliant Green

Odor: Odorless

Flash Point: 99°C / 210.2°F

Flammability/Explosive Limits: Upper: 12.6 vol %, Lower: 2.6 vol %

pH Level: 9.0-9.5 100 g/l aq. Sol

Evaporation Rate: No information available

Melting Point/Range: -60 °C / -76 °F

Boiling Point: 187 °C / 368.6 °F

Vapor Pressure: 0.13 mbar @20 °C

Vapor Density: 2.62 (Air = 1.0)

Auto-ignition Temperature: 400 °C / 752 °F

Specific Gravity: 1.03- 1.04

Decomposition Temperature: No information given

Relative Density: N/A

Viscosity: 45 mPa.s at 20 °C

Molecular Weight: 76.10

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## Section 10 Stability and Reactivity

Reactive Hazard:	None Known, based on available information
Stability:	Hygroscopic
Incompatibility:	Strong oxidizing agents, Acids
Conditions to Avoid:	Excess heat, Exposure to moist air or water
Hazardous Decomposition Products:	Carbon monoxide (CO), Carbon Dioxide (CO <sub>2</sub> )
Hazardous Polymerization:	Does not occur
Hazardous Reactions:	None under normal processing

## Section 11 Toxicological Information

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HMIS ratings    Health: 1  
                    Flammability: 1  
                    Physical hazard: n/a

Revision Number: 2  
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WARNING

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