

# Safety Data Sheet

Revision Date 06-02-2015  
Revision Number 3

## The Scharpf Group, Inc.

### SECTION 1 Identification of the substance/mixture and of the company/undertaking

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#### Product identification used on label

Product identifier SG-500G

#### Details of the supplier of the safety data sheet

The Scharpf Group, Inc  
3791 Pickett Rd.  
Oshkosh, WI 54904  
920-233-7146  
Chemtrec: (800) 424-9300  
Corrosion Preventive Compound

#### Emergency telephone number Relevant identified uses of the substance or mixture and uses advised against

### SECTION 2 Hazards identification

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

#### GHS Hazard Symbols



#### GHS Classification

Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2B  
Flammable Liquid Category 3  
Specific Target Organ Systemic Toxicity (STOT) – Single Exposure Category 3

#### Signal Word Hazard Statements

Warning  
Flammable liquid and vapor.  
Causes skin and eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

#### Precautionary Statements Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Ground/bond container and receiving equipment.  
Use explosion-proof equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.

#### Response

Wear protective gloves/protective clothing/eye protection/face protection.  
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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
Specific treatment: None known.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
Use dry chemical, water fog, CO<sub>2</sub>, foam or sand/earth 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.

## SECTION 3 Composition/information on ingredients

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Chemical Name	CAS #	%
Mineral Spirits	64742-47-8	43

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

## SECTION 4 First aid measures

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**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.

**Eyes** 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.

**Skin Contact** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion** Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs.

**Note to Doctor** Treat symptomatically.

## SECTION 5 Firefighting measures

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**Extinguishing media** Use alcohol resistant foam, carbon dioxide, dry chemical or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.

**Fire and/or Explosion Hazards** Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

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**Fire Fighting Methods and Protection** Do not enter fire area without proper protection including self-contained 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. Use appropriate methods for the surrounding fire.

**Hazardous Combustion Products** Carbon dioxide, Carbon monoxide, Sulfur oxides

## **SECTION 6 Accidental release measures**

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**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 SDS. 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. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

**Methods and materials for containment and cleaning up** Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state and national regulations.

## **SECTION 7 Handling and storage**

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**Precautions for safe handling** Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

**Conditions for safe storage, including any incompatibilities** Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container closed when not in use. Keep away from heat, sparks, and flame.

**Incompatible materials** Strong oxidizing agents

## **SECTION 8 Exposure controls/personal protection**

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### **Control parameters** **Chemical Name**

**ACGIH TLV**

**ACGIH STEL**

**OSHA PEL**

Mineral Spirits

212 ppm (8 hrs)

**Engineering Measures** Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**Respiratory Protection** Respiratory protection may be required to avoid overexposure when handling this

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product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. 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.

**Eye Protection** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

**Skin Protection** Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves** Chemically resistant gloves

## SECTION 9 Physical and chemical properties (Typical, not specification)

<b>Physical State</b>	Viscous Liquid
<b>Color</b>	Gray
<b>Odor</b>	Mild Kerosene like
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point, °C</b>	No data available
<b>Boiling Point, °C</b>	No data available
<b>Flash Point</b>	>= 100 °F( 38 °C)
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Lower Flammable/Explosive Limit, % in air</b>	No data available
<b>Upper Flammable/Explosive Limit, % in air</b>	No data available
<b>Vapor Pressure</b>	> 2 mmHg
<b>Vapor Density</b>	>1 (Air=1)
<b>Specific Gravity</b>	.74
<b>Solubility in Water</b>	Negligible; 0-1%
<b>Octanol/Water Partition Coefficient</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	4000 - 9000 cP
<b>Volatiles, % by weight</b>	43
<b>VOC, Method EPA 24, lb/gal</b>	2.6
<b>VOC, Method EPA 24, grams/liter</b>	311

## SECTION 10 Stability and reactivity

<b>Chemical stability</b>	Stable under normal conditions. Hazardous polymerization will not occur.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	Contamination. Elevated temperatures.
<b>Incompatible materials</b>	Strong oxidizing agents.

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## Hazardous decomposition products

Decomposition and hazardous decomposition products are unlikely.

## SECTION 11 Toxicological information

### Likely Routes of Entry

Inhalation, Skin contact, Eye contact

### Target Organs Potentially Affected by Exposure

Central Nervous System

### Chemical Interactions That Change Toxicity

No chemical interaction known to affect toxicity.

### Medical Conditions Aggravated

Skin contact may aggravate existing skin disease, Respiratory disease including asthma and bronchitis

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

### Inhalation Irritation

Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs). Harmful! Can cause severe irritation or burns and lung inflammation. Central nervous system effects such as dizziness, weakness, fatigue, nausea, headache, and unconsciousness are possible.

### Skin Contact

Can cause minor skin irritation, defatting, and dermatitis.

### Eye Contact

Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

### Ingestion Irritation

Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

### Ingestion Toxicity

Harmful if swallowed.

## Long-Term (Chronic) Health Effects

### Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

### Reproductive and Developmental Toxicity

No data available to indicate product or any components present at greater than 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, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

### Skin Contact

Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

## Component Toxicology Data

### Chemical Name

### CAS Number

### LD50/LC50

Mineral Spirits

64742-47-8

Dermal LD50 Rabbit > 5000 mg/kg  
Oral LD50 Rat > 5000 mg/kg  
Inhalation LC50 (4h) Rat > 20 mg/L

## SECTION 12 Ecological information

### Overview

No ecological information available

### Mobility

No data

### Persistence

No data

### Bioaccumulation

No data

### Degradability

No data

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## Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

## SECTION 13 Disposal considerations

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<b>Waste Description for Spent Product</b>	Spent or discarded material is a hazardous waste.
<b>Disposal Methods</b>	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
<b>Waste Disposal Code(s)</b>	D001

## SECTION 14 Transport information

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<b>Full Shipping Name for Export, Air, Sea (any quantity) or vessels of 119 gal. or more:</b>	UN1268 , PETROLEUM DISTILLATES, N.O.S., (Mineral Spirits), 3, PG III
	Or if shipped in any size container at temperatures greater than the flash point:
	UN3256, Elevated Temperature Liquid, Flammable, N.O.S., (Mineral Spirits), 3, PG III
<b>Domestic Ground in vessels &lt; 119 gal.</b>	Not Regulated

## SECTION 15 Regulatory information

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

Chemical Name	CAS #	Regulation	Percent
<b>No 313-listed chemicals in this product</b>		SARA 313	

## SECTION 16 Other information

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**Disclaimer** Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

**Version** Revision 3

**Comments** Approved: M. Scharpf