

Scharpf Group, Inc.

Safety Data Sheet

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

Product identification used on label

Product identifier Dk Gray Aerosols
SG-500DG

Details of the supplier of the safety data sheet The Scharpf Group, Inc
3791 Pickett Rd.
Oshkosh, WI 54904
920-233-7146

Emergency telephone number ChemTel: 800-255-3924 (US and Canada)
ChemTel: 01800-099-0731 (Mexico)

Relevant identified uses of the substance or mixture and uses advised against Corrosion Preventive Compound

SECTION 2 Hazards identification

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

GHS Hazard Symbols



GHS Classification Flammable Aerosols, Category 1
Gases Under Pressure, Category Compressed Liquid
Aspiration Hazard, Category 1

Signal Word DANGER

Hazard Statements H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.

Precautionary Statements: General and Prevention P102 Keep out of reach of children.
P210 Keep away from heat / sparks / open flames / other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.

Response P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P331 Do NOT induce vomiting.

Storage P410 + P403 Protect from sunlight. Store in a well-ventilated place.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 degrees C / 122 degrees F.

Disposal P501 Dispose of contents / container in accordance with local / regional / national regulations.

Scharpf Group, Inc.

Safety Data Sheet

SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Petroleum Solvent	64742-47-8	35-40
Propane	74-98-6	15-21
N-Butane	106-97-8	8-10

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

SECTION 4 First aid measures

Inhalation	If inhaled: Move person to fresh air and keep in comfortable position for breathing. If breathing difficulty persists: Get medical advice / attention.
Eyes	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention.
Skin Contact	If on skin: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation persists: Get medical advice / attention.
Ingestion	If swallowed: Immediately call a poison center / doctor. Do NOT induce vomiting unless directed to do so by medical personnel.
Most Important Symptoms and Effects, Both Acute and Delayed	See Section 11: Toxicological information and effects.
Indication of any immediate medical attention and special treatment required	Treat symptomatically

SECTION 5 Fire-Fighting measures

Suitable Extinguishing Media	CO2 (Carbon Dioxide), dry chemical or water fog.
Unsuitable Extinguishing Media	Water spray may be unsuitable. However if water is used fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat.
Specific Hazards Arising From the Chemical	Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon.
Special Protective Equipment and Precautions of Fire-Fighters	Full protective equipment including self-contained breathing apparatus should be used.

Scharpf Group, Inc.

Safety Data Sheet

SECTION 6 Accidental release measures

Personal Precautions	Use personal protection recommended in Section 8.
Environmental Precautions	Prevent contamination of soil / ground, waterways, drains, and sewers.
Methods of Containment	Absorb spilled liquid in suitable material.
Methods of Clean-up	Use spark-proof tools to sweep or scrape up, containerize, and dispose of properly.
Other Information	Ensure adequate ventilation.

SECTION 7 Handling and storage

Precautions for safe handling	Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate / burn container. Keep container tightly closed while not in use.
Conditions for Safe Storage, Including Any Incompatibilities	Store in dry, well-ventilated area and in accordance with federal, state and local regulations. Do not expose to heat or store at temperatures above 50 degrees C / 122 degrees F. If storing in cold temperatures, allow product to warm to room temperature before use. Keep container tightly closed and away from heat and sunlight when not in use.

SECTION 8 Exposure controls/personal protection

Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
Petroleum Solvent	n/e	n/e	400 ppm
Propane	1800 ppm	2500 ppm	1000 ppm
N-Butane	n/e	800 ppm	800 ppm

Appropriate Engineering Controls	Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels.
Eye Protection	Wear safety glasses with side shields. Have eye wash facilities immediately available.
Skin Protection	Wear chemical resistant gloves if contact is likely.
Respiratory Protection	Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled with applicable limits with ventilation.

Scharpf Group, Inc.
Safety Data Sheet

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

Physical State	Aerosol – Pressurized Liquid
Color	Dark Gray
Odor	Solvent odor
Odor Threshold	No data available
pH	No data available
Freezing Point	Not established
Boiling Point, °C	Not Applicable (pressurized mixture)
Flash Point	Less than -18 degrees C (less than -0.4 degrees F)
Evaporation Rate	Faster than ether
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit	Not established
Upper Flammable/Explosive Limit	Not established
Vapor Pressure	Not established
Specific Gravity	.814
Solubility in Water	Negligible
VOC percentage by weight	61

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Keep away from heat, sparks, and flames.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	By fire – Carbon Dioxide and Carbon Monoxide.

SECTION 11 Toxicological information

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Likely Routes of Entry	Inhalation, Skin contact, Eye contact, Ingestion
Signs and Symptoms of Exposure	Skin Contact: Signs / symptoms may include localized redness, itching, drying and cracking of skin. Inhalation: Intentional concentration and inhalation may be harmful or fatal. Eye Contact: Signs / symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision. Ingestion: Signs / symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Target Organs Potentially Affected by Exposure	Central nervous system, kidneys, lungs, liver, eyes, skin, brain, respiratory tract, urinary tract, reproductive system, cardiovascular system

Scharpf Group, Inc.

Safety Data Sheet

Component Toxicology Data

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum Solvent	n/e	n/e	n/e
Propane	1000	1800	n/e
N-Butane	n/e	n/e	n/e

SECTION 12 Ecological information

No data available

SECTION 13 Disposal considerations

Dispose of container and its contents in accordance with federal, state and local regulations.

Do not puncture, incinerate or place container in trash compactor.

SECTION 14 Transport information

Ground (DOT / 49 CFR)

UN I.D. Number	UN1950 – Transport Hazard Class: 2.1 Packing Group: n/a
Proper Shipping Name	AEROSOLS (“FLAMMABLE” is optional to add after AEROSOLS)
Hazard Labels	Limited Quantity (LTD QTY) label – see 49 CFR 172.315
Shipping papers format	UN1950, AEROSOLS, 2.1, LTD QTY (can add FLAMMABLE after AEROSOLS)

AIR (IATA)

UN I.D. Number	UN 1950 – Transport Hazard Class: 2.1 Packing Group: n/a
Proper Shipping Name	AEROSOLS, FLAMMABLE Packing Instructions: Y203
Hazard Labels	LTD QTY label with “Y” in it, and Flammable Gas label
Shipping papers format	UN1950, AEROSOLS, FLAMMABLE, 2.1 (Note LTD QTY not needed on Papers)

Water (IMDG)

UN I.D. Number	UN1950 – Transport Hazard Class: 2.1 Packing Group: n/a
Proper Shipping Name	AEROSOLS Hazard label: LTD QTY label (see IMDG 3.4.5.1)
Shipping papers format	UN1950, AEROSOLS, 2.1, (-18 C c.c.), LTD QTY
No component of this product is a listed Marine Pollutant (49 CFR 172.101, Appendix B)	

SECTION 15 Regulatory information

International Chemical Inventory

All components of this product are listed on or exempt from the following inventories:

TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

Scharpf Group, Inc.
Safety Data Sheet

SECTION 16 Other information

Revision 2018-07-31

Date

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 2

Comments Approved: R. Handy