



SAFETY DATA SHEET

Ceramic Gold Aircraft Wash Soap

Revision Date 4/26/2022

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Ceramic Gold Aircraft Wash Soap **Item** CGG1

Product Use Aircraft Wash Soap

Company Name Jet Stream Aviation Products **Office** (972) 542-2400
 1971 University Business Dr. Suite 102 **Fax** (972) 542-0238
 McKinney Tx 75071 **Web** www.jetstreamproducts.com

EMERGENCY TELEPHONE NUMBER INFOTRAC (800) 535-5053

SECTION – 2 HAZARDS INFORMATION

Pictogram



Signal Word Warning

Hazards PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS

Causes skin irritation
Causes serious eye irritation
Toxic to aquatic life

HAZARD CATEGORY CLASSIFICATION **CODE**

Category 2 Skin (Corrosion / Irritation) H315
Category 2A Eye (Damage / Irritation) H319
Category 2 Acute Toxicity (Aquatic) H401

Precautions HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL

Keep out of reach of children
Do not get in eyes, on skin, or on clothing
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid release to the environment
Use personal protective equipment as required (See Section - 8)
Store in a closed container
Dispose of material in accordance with all State and Federal Guidelines and Regulations

CODE

P102
P262
P264
P270
P273
P281
P404
P501

SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| CHEMICAL NAME | COMMON NAME AND SYNONYMS | CAS # | IMPURITIES | PERCENT |
|--------------------------------|--|------------|---------------|---------|
| Sodium Dodecylbenzenesulfonate | | 25155-30-0 | | 1 - 20% |
| Proprietary Blend | Ceramic Silicone Polymer Bonding Sealant | None | Non Hazardous | 1 - 15% |

Some of the chemical ingredients listed above are provided for reference and are not classified as hazardous under OSHA Hazard Communication Standard

SECTION – 4 FIRST AID MEASURES

Eye Contact Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid

Skin Contact Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If irritation is present or occurs obtain medical attention

Inhaled Not applicable under normal use. If irritation is experienced, move person to fresh air

Ingested DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and get medical attention, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Important Effects No additional effects beyond what is listed above

Important Symptoms No additional symptoms beyond what is listed above

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media Not flammable: Use extinguishing media for surrounding fire

Explosion Hazard Not applicable

Hazardous Decomposition Burning or thermal decomposition can produce, carbon oxides, silicon oxides, sulfur oxides

Protective Equipment Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|--|
| Emergency Procedures | Warn personnel of spill, Stop spill or release only if it can be done safely, Ventilate area, Keep unprotected personnel from entering the spill area |
| Personal Precautions | Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill |
| Protective Equipment | Safety Glasses, Chemical Gloves, Rubber Boots |
| Containment | Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from spreading or entering the environment |
| Clean Up Procedures | Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water, Large Spills: Absorb spill with inert material, place in a chemical waste container, mop area with clean water |
| Disposal | Dispose of material in accordance with all State and Federal Guidelines and Regulations |

SECTION – 7 HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Handling | Do not get in eyes, on skin, or clothing, Use appropriate safety equipment, and adequate ventilation, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment, Empty containers retain product residue (vapors, liquid or solids) observe all precautions when handling |
| Storage | Keep container closed when not in use, Keep only in original container, Store away from incompatible materials |
| Incompatible Materials | Incompatible with, strong acids, strong bases, strong oxidizers |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA (TWA 8) | OSHA (CEIL) | NIOSH (TWA 10) | NIOSH (STEL) | Significant Exposure |
|--------------------------------|---------------|--------------|--------------|-------------|----------------|--------------|----------------------|
| Sodium Dodecylbenzenesulfonate | None | Established | | | | | |

PERSONAL PROTECTION

| HMIS HAZARD RATINGS | |
|---------------------|---|
| Health | 2 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | B |

| | |
|--------------------|---|
| Eyes | Wear safety glasses with side protection when handling / using this material |
| Hands | Wear impervious gloves when handling / using this material |
| Response | Access to an eye wash station is a recommended safety precaution for handling / using this type of material |
| Ventilation | General Ventilation |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------|-----------------------------------|--|-----|
| Flash Point | > 93.3°C (200°F) - TAG Closed Cup | Specific Gravity / Density | 1.0 |
| Flammable Limits (v) | NA | pH (± 0.3) | 7.0 |
| Auto-Ignition Temp. | NA | Viscosity (mm²s / cSt) | ND |
| Physical State | Viscous Liquid | Melting / Freeze Point | ND |
| Appearance | Gold | Boiling Point | ND |
| Odor | Light Grape | Vapor Density (air=1) | ND |
| Odor Threshold | ND | Vapor Pressure (mmHg) | ND |
| Solubility | 100% | Evaporation Rate (nBuAc=1) | ND |
| Volatiles | < 80% | Partition Coefficient | ND |
| VOC | < 1% | Molecular Weight (g/mol) | ND |
| LVP-VOC | ND | Decomposition Temperature | ND |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|---------------------------------|--|
| Reactivity | No specific test data related to reactivity available for this product or its ingredients |
| Chemical Stability | Stable under normal ambient and anticipated conditions of use |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Incompatible materials |
| Incompatible Materials | Incompatible with, strong acids, strong bases, strong oxidizers |
| Hazardous Decomposition | Burning or thermal decomposition can produce, carbon oxides, silicon oxides, sulfur oxides |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause serious eye irritation, redness, tearing, or pain
Skin Can cause skin irritation
Inhalation Not applicable
Ingestion May be harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation, redness, tearing, or pain
Skin Causes skin irritation, redness, drying or cracking
Inhalation Spray mist may cause mild irritation
Ingestion May be harmful if swallowed, Causes irritation, of the mouth, throat, and esophagus
Acute Tox Calculated **Oral:** 2,505 mg/kg **Dermal:** 7,998 mg/kg **Inhaled:** > 2,000 mg/l
Acute Tox Category Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >5,000 mg/kg), Not applicable (Inhaled >12.5 mg/l) Dust or Mist
Target Organs Eyes (Lens or cornea), Skin
Medical Conditions Preexisting, eye, skin, disorders may be aggravated by exposure to this product
Notes to Physician Treat symptoms

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>NTP</u> | <u>ACGIH</u> | <u>IARC</u> | <u>GHS Category</u> |
|----------------------|------------|--------------|-------------|---------------------|
| None Listed | NA | NA | NA | NA |

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>Germ Cell Mutagenicity</u> | <u>Toxic to Reproduction</u> |
|----------------------|-------------------------------|------------------------------|
| None Listed | NA | NA |

COMPONENTS ACUTE TOXICITY

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Form</u> | <u>Subject</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|--------------------------------|-------------|-------------|----------------|---------------------|----------------------|-----------------------|
| Sodium Dodecylbenzenesulfonate | LD50 | Oral | Rat | 438 mg/kg | | 4 (>300, ≤2000 mg/kg) |
| | LD50 | Dermal | Rabbit | 2,001 mg/kg | | (>2000 mg/kg) |

SECTION – 12 ECOLOGICAL INFORMATION

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Subject</u> | <u>Subject Latin</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|--------------------------------|-------------|----------------|-----------------------|---------------------|----------------------|---------------------|
| Sodium Dodecylbenzenesulfonate | LD50 | Rainbow Trout | (Oncorhynchus mykiss) | 3.2 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |

Presistence And Degradability This product is inherently biodegradable according to the OECD definition
Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur
Mobility In Soil This material is a mobile liquid
Other Adverse Effects May be harmful to aquatic life

SECTION – 13 DISPOSAL CONSIDERATIONS

Disposal Statement DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

Container Disposal Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Triple rinse empty container then offer for recycling. If not available, puncture and dispose in a sanitary landfill

Material Disposal Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION**

| <u>UN Number</u> | <u>Proper Shipping Name</u> n.o.s. (Chemicals) or "Limits" | |
|------------------|--|--|
| Not Regulated | Non Hazardous – Compounds Cleaning Liquid | |

| <u>Hazard Class</u> | <u>Packing Group</u> | <u>Label Codes</u> | <u>Reportable Quantity (lb)</u> | <u>Response</u> | <u>Marine Pollutant</u> | <u>Hazard Label</u> | <u>Secondary</u> |
|---------------------|----------------------|--------------------|---------------------------------|-----------------|-------------------------|---------------------|------------------|
| None | None | None | None | 154 | No | | |

Additional Info:

SECTION – 15 REGULATORY INFORMATION**TSCA**

| CHEMICAL NAME | Sec 8(b) Active Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification |
|--------------------------------|---------------------------|----------------------------|------------------------------|-------------------------------|
| Sodium Dodecylbenzenesulfonate | Yes | | | |

REPORTABLE QUANTITIES

| CHEMICAL NAME | Extremely Hazardous EPCRA TPQ Sec 302 | Reportable Quantity EPCRA RQ Sec 304 | Emission Reporting CERCLA RQ Sec 103 | TRI Sec 313 | RCRA Code | RMP TQ Sec 112r |
|---------------|--|---|---|-------------|-----------|-----------------|
| None Listed | | | | | | |

SARA Section 311 Section 311 / 312 Hazards

| CHEMICAL NAME | Hazardous Chemical | Acute | Chronic | Flammable | Pressure | Reactive |
|--------------------------------|--------------------|-------|---------|-----------|----------|----------|
| Sodium Dodecylbenzenesulfonate | Yes | Yes | | | | |

RIGHT TO KNOW

| CHEMICAL NAME | STATE | | | | | | | | | | | | |
|--------------------------------|-------|----|----|----|----|-----|----|-----|----|----|-----|----|----|
| | CA | CT | FL | IL | LA | NJ | NY | PA | MI | MN | MA | RI | WI |
| Sodium Dodecylbenzenesulfonate | | | | | | Yes | | Yes | | | Yes | | |

CALIFORNIA

WARNING: This Product can expose you to chemicals (Listed below) known to the State of California to cause cancer, birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov

| CHEMICAL NAME | CAS # | Birth Defects | Reproductive Harm | Carcinogen | Developmental |
|---------------|-------|---------------|-------------------|------------|---------------|
| None Listed | | | | | |

CLEAN AIR WATER ACTS

| CHEMICAL NAME | CAS # | Clean Air Acts | | | Clean Water Acts | | |
|---------------|-------|----------------|---------------|---------------|------------------|----|----|
| | | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP |
| None Listed | | | | | | | |

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK |
|--------------------------------|-----------|--------|-----------------|-------|-------|-----|
| Sodium Dodecylbenzenesulfonate | Yes | Yes | Yes | Yes | Yes | Yes |

SECTION – 16 OTHER INFORMATION**SDS LEGEND DESCRIPTION**

| | | | |
|----------------|---|--------------|--|
| ~ | Approximately | KD | Kidney Damage (nephropathy) |
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NE | Not Established |
| EPA | Environmental Protection Agency | NFPA | National Fire Protection Association |
| Eye | (E1 = Irritation) (ED = Damage) (EV = Visual Impairment) | NIOSH | National Institute for Occupational Safety and Health |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous Air Pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Lowest concentration that is toxic to a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) - NOISH (10 hours) |
| IG / IH | (IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas) | UEL | Upper Explosive Limit |

Jet Stream Aviation Products

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