Material Safety Data Sheet  
SC-Aircraft & Metal Cleaner – Type IV

Product Hazard:  
Health: 0  Fire: 0  Toxicity: 0  Reactivity: 0  Special: 0

Hazard Rating:  
4 = Deadly  3 = Extreme  2 = Hazardous  1 = Slight Hazard  0 = Normal

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: SC-AIRCRAFT and Metal Cleaner Concentrate  
Manufacturer: GemTek Products  
Supplier: Orison Marketing, L.L.C. (Cage Code: 1GZV7)  
4801 South Danville Dr.  
Abilene, TX 79602  
Emergency Telephone Number: (325) 692-1135  800-331-7022 or (in the U.S.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name of the Substance:  
The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

Most Important Hazards: Health injuries are not known or expected under normal use.  
Specific Hazards: May be an eye irritant. Do not spray into eyes. If irritation does occur, rinse with clean water.

4. FIRST AID MEASURES

General Advice: Not considered toxic or comedegenic to skin. Suggest the use of rubber gloves for prolonged exposure to avoid dryness. General precaution is advised to avoid eye contact irritation.  
Inhalation: If breathing is difficult, remove to fresh air. Call a physician if symptoms develop or persist.  
Skin Contact: Rinse skin with water. Get medical attention if irritation develops and persists.  
Eye Contact: Rinse with water. Get medical attention if irritation develops and persists.  
Ingestion: Rinse mouth with water. If ingestion of a large amount does occur, call a poison control center immediately.

5. FIRE-FIGHTING MEASURES

Flammable Properties: No unusual fire or explosion hazards noted.  
Extinguishing Media: Use fire-extinguishing media appropriate for surrounding materials.  
Suitable Media: Do not use water jet as an extinguisher, as this will spread the fire.  
Unsuitable Media:  
Protection of Firefighters: Specific hazards arising from the chemical: The product itself does not burn. No unusual fire or explosion hazards noted.  
PPE & Precautions: Wear self-contained breathing apparatus and protective clothing.  
Equipment or Instructions: No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Stop the flow of material, if this is without risk. Dike the spilled materials, where this is possible.  
Methods for Cleaning Up: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
7. HANDLING AND STORAGE

Handling: Do not get this material in contact with eyes. Wear personal protective equipment. Avoid prolonged exposure. Wash hands thoroughly after handling. Use with adequate ventilation. Handle open containers with care.

Storage: Store at ambient temperature and atmospheric pressure. Keep at temperatures above 50° F (10° C). Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Engineering Measures: Avoid eye contact; product is a slight eye irritant.

Control Parameters: None necessary.

Personal Protection Equipment

Respiratory: No personal respiratory protective equipment normally required.

Eye: Eye wash fountain is recommended. Wear safety glasses with side shields.

Skin: Normal work clothing (long sleeved shirts and long pants) is recommended.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices.

9. TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Form: Free flowing liquid

Odor: Mild coconut and pepper

Boiling Point/Range: 100C (212F)

Viscosity @ 20°C: 7.0

Decomposition Temperature: Higher than 330°C

Flash Point: None (Penske Martin Closed Cup)

Vapor Pressure: 17mm Hg @ 20C

Relative Density: 8.42 – 8.52 lb/gl

Surface Tension: 24.73 dynes / cm

Evaporation Rate: 0.7 (slower than water)

Explosive Properties: None

Decomposition Temperature: Higher than 330°C

Flash Point: None (Penske Martin Closed Cup)

Vapor Pressure: 17mm Hg @ 20C

Relative Density: 8.42 – 8.52 lb/gl

Surface Tension: 24.73 dynes / cm

Evaporation Rate: 0.7 (slower than water)

VOC: 100 mg/L

10. STABILITY AND REACTIVITY

Stability: Material is stable under normal conditions.

Conditions to Avoid: None under normal conditions. Do not freeze.

Materials to Avoid: No hazardous decomposition products are known.

Hazardous Decomposition Products: None known. Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Focus | Test Results
---|---
Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
Skin Corrosion/Irritation | Repeated or prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product.
Mutagenicity | None known
Reproductive Effects | None known
Symptoms and Target Organs | Irritation of eyes and mucous membranes with direct contact.
Further Information | This product has no known adverse effect on human health.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be harmful to aquatic organisms.

Persistence & Degradability: This product is Readily Biodegradable

Bioaccumulation/Accumulation: Does not bioaccumulate. According to the results of tests of biodegradability this product is considered as being readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4(b)(4)). Under RCRA

Waste from Residues/Unused Products: Material should be recycled if possible.

Contaminated Packaging: Where possible, recycling is preferred to disposal or incineration.

14. TRANSPORTATION INFORMATION
SAFETY DATA SHEET
SC-AIRCRAFT and Metal Cleaner Concentrate

Class 55 non-hazardous soap. Not regulated as dangerous goods.

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>US Federal Regulations</th>
<th>This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the USEPA TSCA Inventory List.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEA. List 2, Essential Chemicals (21 CFT 1310.02(b) &amp; 1310.04(f)(2))</td>
<td>Not regulated. DEA Essential Chemical Code Number: Not regulated.</td>
</tr>
<tr>
<td>DEA. List 1 &amp; 2 Exempt Chemical Mixtures (21 CFT 1310.12(c))</td>
<td>Not regulated. DEA Exempt Chemical Mixture Code Number: Not regulated.</td>
</tr>
<tr>
<td>CERCLA / SARA Hazardous Substances</td>
<td>Not applicable</td>
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<tr>
<td>CERCLA (Superfund) Reportable Quantity</td>
<td>None</td>
</tr>
<tr>
<td>Superfund Amendments &amp; Reauthorization Act of 1986 (SARA)</td>
<td>Immediate Hazard: No Fire Hazard: No Reactivity Hazard: No</td>
</tr>
<tr>
<td>Section 302 Extremely Hazardous Substance</td>
<td>No</td>
</tr>
<tr>
<td>Section 311 Hazardous Chemical</td>
<td>No</td>
</tr>
<tr>
<td>State Regulations</td>
<td>California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inventory Status</th>
<th>Country</th>
<th>Inventory Name</th>
<th>On Inventory (Y / N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Y</td>
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<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>N</td>
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<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Y</td>
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<tr>
<td>Europe</td>
<td>European Inventory of New and Existing Chemicals (EINECS)</td>
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<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>Y</td>
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</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
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<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
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<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
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<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Y</td>
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</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Y</td>
<td></td>
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<tr>
<td>A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)</td>
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<tr>
<td>REACH – EU</td>
<td>Not Available</td>
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</tbody>
</table>

16. OTHER INFORMATION

For further information, contact the Headquarters of Orison Marketing, L.L.C.

Recommended Use: For exterior aircraft cleaning, general purpose cleaning and degreasing of metal parts and metal finish surfaces.

The information given within this MSDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user’s responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representation of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded three (3) years.