

# SAFETY DATA SHEET - Camguard HD

## 1. Identification

<b>Product identifier</b>	<b>Camguard HD</b>
<b>Other means of identification</b>	
<b>Product code</b>	0127163
<b>Product Use</b>	Diesel crankcase additive
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company name</b>	<b>Aircraft Specialties Lubricants</b>
<b>Address</b>	2860 N. Sheridan Rd. Tulsa, OK 74115 United States
<b>Telephone</b>	+1-800-826-9252
<b>Fax</b>	+1-918-836-4419
<b>E-mail</b>	<a href="mailto:info@aslcamguard.com">info@aslcamguard.com</a>
<b>Emergency phone number</b>	For Chemical Emergency ONLY (spill, leak, fire, exposure or accident), 24 hour emergency telephone, call CHEMTREC at 1-800-424-9300 (US, Canada, Puerto Rico); 1-703-527-3887 (elsewhere).

## 2. Hazards identification

<b>Physical hazards</b>	No significant hazards.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 3
	Eye irritation	Category 2B
<b>Environmental hazards</b>	May cause long lasting harmful effects to aquatic life. Category 4	
<b>OSHA defined hazards</b>	Not classified.	
<b>Signal word</b>	Warning	
<b>Hazard statement</b>	Causes mild eye irritation. May causes skin irritation.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Prevent release into the environment.	
<b>Response</b>	If on skin: Wash with plenty of soap and water. 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. Take off contaminated clothing and wash before reuse.	

## 3. Composition/information on ingredients

### Mixtures

<b>Chemical name, Common name and CAS#</b>	<b>CAS #</b>
Carboxylates*	Proprietary*

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Get medical attention .
<b>Most important symptoms/effects, acute and delayed</b>	Eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and discomfort.

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## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Decomposition products</b>	Carbon monoxide. Hydrogen sulfide.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up.
<b>Methods and materials for containment and cleaning up</b>	The product is immiscible with water and will spread on the water surface.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with eyes, skin, and clothing. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredients.
<b>Biological limit values</b>	No biological exposure limits allocated.
<b>Personal protective</b>	Any specific recommendations provided is based on manufacturing data.
<b>Eye/face protection</b>	None under ordinary conditions.
<b>Skin protection</b>	None under ordinary conditions.
<b>Hand protection</b>	None under ordinary Conditions.
<b>Respiratory protection</b>	No special requirements under ordinary conditions.
<b>General hygiene Considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

## 9. Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Color</b>	Amber
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable
<b>Melting point/freezing point</b>	Not available.
<b>Flash point</b>	>350°F (177°C)
<b>Evaporation rate</b>	Not available.
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Solubility (water)</b>	Insoluble.

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<b>Solubility (other)</b>	Soluble in petroleum and synthetic lubricant base stocks and most common solvents.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	28-34 mm <sup>2</sup> /s
<b>Viscosity temperature</b>	104 °F (40 °C)
<b>Density</b>	0.90-0.94g/cm <sup>3</sup>
<b>Flammability class</b>	Combustible IIIB

## 10. Stability and reactivity

<b>Chemical stability and reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to avoid</b>	Contact with incompatible materials, high temperatures and open flame.
<b>Materials to avoid</b>	Strong oxidizing agents.

## 11. Toxicological information

<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	Prolonged inhalation of vapor at elevated temperature may cause respiratory irritation.
<b>Skin contact</b>	May cause mild skin irritation.
<b>Eye contact</b>	Causes mild eye irritation.
<b>Ingestion</b>	Not determined.

## 12. Ecological information

<b>Environmental hazard</b>	Harmful to aquatic organisms. May cause long-term adverse effects in the environment. Based on calculation.
<b>Environmental fate</b>	This product contains components which may persist in the environment.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal since emptied containers may retain product residue.

## 14. Transport information

<b>DOT (Road)</b>	Not regulated.
<b>IATA/CAO (Air)</b>	Not regulated.
<b>IMDG/GGV (Sea)</b>	Not regulated.

## 15. Regulatory information

<b>TSCA inventory</b>	All ingredients are listed.
<b>SARA 302 Extremely Hazardous Substance</b>	Not listed.
<b>SARA 304 Emergency release notification</b>	Not regulated.
<b>SARA 311/312 Hazardous Chemical</b>	No
<b>SARA 313 (TRI reporting)</b>	Not regulated
<b>OSHA Specifically Regulated Substances</b>	Not listed.

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**16. Other information including date of preparation or last revision**

<b>Issue date</b>	09-22-2015
<b>Revision date</b>	12-29-2015
<b>Version #</b>	02
<b>HMIS® ratings</b>	Health: 2 Flammability: 1 Physical hazard: 0
<b>NFPA ratings</b>	Health: 2 Flammability: 1 Instability: 0

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