Section 1 — Identification

Trade Name: Grease Check Heavy Duty **Product Identification:** LKS-GC-HD **Date Prepared:** 08/28/2026

Synonyms: None **CAS No:** None (mixture)

Product Use Description: Ready-to-use degreasing solution, prepared from Grease Check Concentrate diluted 1:6 with water.

Supplier: LKA Industrial Solutions Inc, 826 Spinnaker Drive East, Hollywood, FL 33019 US

Phone: +1 (754) 314-7507

Emergency telephone number: +1 (754) 314-7507

Section 2 — Hazards Identification

GHS Classification: Not classified as hazardous according to the OSHA Hazard Communication Standard (HazCom 2012), 29 CFR 1910.1200.

GHS Label Elements: No pictograms required. **Signal Word:** None. **Hazard Statements:** None.

Precautionary Statements (recommended good practice, not required)

Avoid contact with eyes. Wash hands after handling. Wear protective gloves during prolonged or repeated contact. In case of eye contact, rinse with plenty of water.

Hazards Not Otherwise Classified (HNOC): None.

Additional Information: None.

Section 3 — Composition

Chemical Name	Common Name/Synonym	CAS #	%
Proprietary Component 1			< 1
Proprietary Component 2			< 1
Proprietary Component 3			< 1
Proprietary Component 4			< 1

The exact identity and concentration of the components are withheld as a trade secret in accordance with 29 CFR 1910.1200(i). The mixture has been evaluated in accordance with the criteria of 29 CFR 1910.1200 Appendix A and does not meet the criteria for classification in any hazard class.

Section 4 — First Aid

General: Perform first aid measures as indicated. Seek medical attention if symptoms develop or persist, and show this safety data sheet to attending physician.

Inhalation: Move to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulty occurs or persists, seek medical attention.

Skin Contact: Wash exposed skin with soap and water. Seek medical attention if irritation develops or persists.

Eye Contact: Flush eyes with water for several minutes, lifting the upper and lower eyelids intermittently. Check for and remove any contact lenses if easy to do. Seek medical attention if irritation develops or persists.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms develop.

Most important symptoms and effects, both acute and delayed: None expected under normal conditions of use.

Indication of any immediate medical attention and special treatment needed: No information available.

Section 5 — Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding fire or source of fire. Use water spray to cool fire exposed containers.

Specific Hazards Developing From the Chemical: Water-based product; will not burn. In fire conditions after water loss, combustion of the residue may produce carbon monoxide, carbon dioxide and other unidentified combustion products.

Protection During Firefighting: Wear full protective gear and full face pressure demand self-contained breathing apparatus.

Section 6 — Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid direct contact with eyes. Spilled material may create a slipping hazard. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Contain spilled material and prevent run-off into water sources or sewers.

Methods and material for containment and clean up: Absorb on inert material and place in containers for disposal, or flush small spills with water. Dispose of spilled/collected material in accordance with all federal, state and local regulations.

Section 7 — Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Do not eat, drink or smoke while handling. Avoid generating fine spray mist; ensure adequate ventilation when spraying.

Conditions for Safe Storage, including Incompatibilities: Store in original container. Keep container tightly closed. Store at room temperature (50–90°F) in a dry, well-ventilated area. Keep from freezing.

Section 8 — Exposure Controls / Personal Protection

Exposure Limits: The following limits apply to individual components as substances. In this product all components are present in dilute aqueous solution; airborne concentrations approaching these limits are not expected under normal use.

Ingredient	Data Source	Exposure Form	Exposure Value
Proprietary Component 1	ACGIH TLV	TWA	20 ppm
	NIOSH REL	TWA	5 ppm
	OSHA PO	TWA	25 ppm
	OSHA Z-1	TWA	50 ppm
Proprietary Component 2	ACGIH TLV / OSHA PEL		Not Established
Proprietary Component 3	ACGIH TLV	TWA	20 ppm
Proprietary Component 4	ACGIH TLV	TWA	3 ppm
	OSHA PEL	TWA	1 ppm

Appropriate Engineering Controls: General ventilation is normally adequate. Use local exhaust ventilation if spray misting is generated. An eyewash should be available in the work area.

Eye/Face Protection: Safety glasses recommended. **Hand Protection:** Chemical resistant gloves recommended for prolonged or repeated contact. **Respiratory Protection:** Not required under normal use; avoid inhaling spray mist.

General Hygiene Considerations: Follow good hygiene and safety practice. Wash hands before breaks and at the end of the work day.

Section 9 — Physical and Chemical Properties

Appearance	Clear, colorless to very pale yellow liquid
Odor	Mild citrus
pH	7.0 - 7.5
Specific gravity	Approx. 1.001
Solubility in water	Complete
Flash point	None (aqueous solution)
Other properties (melting/boiling point, evaporation rate, flammability limits, vapor pressure/density, viscosity, etc.)	Not available

Section 10 — Stability and Reactivity

Reactivity: Not reactive under normal use conditions. **Chemical Stability:** Stable under normal handling and storage conditions. **Hazardous Reactions:** Hazardous polymerization will not occur.

Conditions to Avoid: Avoid excessive heating, freezing and chemical contamination. **Decomposition Products:** None expected under normal storage and handling conditions. **Incompatible Materials:** Avoid contact with strong oxidizers and strong acids.

Section 11 — Toxicological Information

Information on the likely routes of exposure: This product is not classified for acute toxicity, skin/eye irritation or sensitization: all components are below the applicable GHS classification cut-offs. Prolonged contact may cause mild transient irritation in sensitive individuals.

Numerical measures of toxicity (individual components, as substances)

Component	Exposure	Species	Dose
Proprietary Component 1	Oral LD50	Rat	745 mg/kg
	Dermal LD50	Rabbit	1250 mg/kg
	Inhalation LC50	Rat	550 mg/l, 4 hr
Proprietary Component 2	Oral LD50	Rat	>3356 mg/kg
	Dermal LD50	Rabbit	>2000 mg/kg
Proprietary Component 3	Oral LD50	Rat	4400 mg/kg
	Dermal LD50	Rabbit	>5000 mg/kg
Proprietary Component 4	Oral LD50	Rat	1089 mg/kg
	Dermal LD50	Rat	2000 mg/kg
	Inhalation LC50	Rat	20 mg/l, 4 hr

Acute Toxicity (mixture): Calculated acute toxicity estimates (ATEmix) are far above the Category 4 thresholds; not classified. **Carcinogenicity:** NTP: No; OSHA: No; IARC: No. **Reproductive Toxicity:** Not expected to cause reproductive or developmental effects. **Aspiration Hazard:** Not an aspiration hazard. All other endpoints: not classified / no information available.

Section 12 — Ecological Information

Ecotoxicity (mixture): Not classified for aquatic hazard. Avoid discharge into surface waters.

Numerical measures of ecotoxicity (individual components, as substances)

Component	Type	Species	Dose
Proprietary Component 1	Fish LC50	Rainbow Trout	1474 mg/l, 96 hr
	Invertebrates EC50	Daphnia magna	1800 mg/l, 48 hr
	Algae EC50	Green Algae	911 mg/l, 72 hr
Proprietary Component 2	Fish LC50	Rainbow Trout	1500 mg/l, 96 hr
	Invertebrate EC50	Daphnia magna	>1020 mg/l, 48 hr
	Algae NOEC	Algae	40 mg/l, 72 hr
Proprietary Component 3	Fish LC50	Fathead Minnow	0.7 mg/l, 96 hr
	Invertebrates EC50	Daphnia magna	0.36 mg/l, 48 hr
	Algae EC50	Green Algae	150 mg/l, 72 hr
Proprietary Component 4	Fish LC50	Carp	349 mg/l, 96 hr
	Invertebrate EC50	Daphnia magna	65 mg/l, 48 hr
	Algae EC50	Green Algae	2.5 mg/l, 72 hr

Persistence and degradability, bioaccumulative potential, mobility in soil, other adverse effects (mixture): No information available.

Section 13 — Disposal Considerations

Disposal Instructions: Dispose of material in accordance with all federal, state and local regulations. **Contaminated Packaging:** Triple rinse container and offer for recycling. Dispose of container following all federal, state and local regulations.

Section 14 — Transport Information

DOT: Not regulated as a hazardous material. **IMDG / IATA:** Not regulated.

Section 15 — Regulatory Information

Federal Regulations: This product is NOT a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 (no hazard classes assigned). This SDS is provided voluntarily as a service to customers.

SARA 311/312 Hazard Categories: None (not a hazardous chemical). **SARA 302 Extremely Hazardous Substance:** Not listed. **SARA 304 Emergency Release Notification:** Not regulated.

SARA 313 Toxic Release Inventory (TRI): No components are present above the de minimis concentrations.

Toxic Substances Control Act (TSCA): All components are listed on or exempt from the TSCA Inventory. **CERCLA Hazardous Substance List:** Not listed. **FIFRA:** This product is not a pesticide product. **Clean Water Act**

Regulated Substances: None.

U.S. State Regulations

Massachusetts / New Jersey / Pennsylvania RTK Substances: No components present at or above the applicable thresholds.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Canadian Regulations (WHMIS 2015): Not classified as hazardous; mixture classification thresholds are not met.

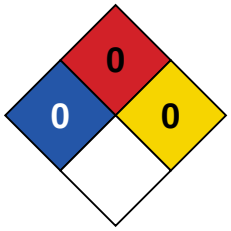
Section 16 — Other Information

HMIS Hazard ID:

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	A

NFPA Hazard ID:

Flammability:
Health:
Reactivity:
Special Hazard:



Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe. HMIS PPE Code A: safety glasses.

Revision: 1 **Issue Date:** 08/28/2026 **Prepared by:** LKA Industrial Solutions Inc

Disclaimer: The information contained in this Safety Data Sheet is believed to be accurate as of the date of publication. The suggested procedures are based on experience as of the date of the publication; they are not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of, applicable laws, regulations, rules or insurance requirements.