



Safety Data Sheet — VA88™

Prepared to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Date of Preparation: March 10, 2010.

1 — CHEMICAL PRODUCT & COMPANY INFORMATION

Product	VA88™	Manufacturer	ASL Solutions LLC
Address	P.O. Box 2416, McKinney, TX	Emergency	619.825.2121
Formulation	Proprietary Mixture CAS: Mixture	General Use	Diluted for pest control settings

2 — HAZARD(S) IDENTIFICATION

Precautionary	May cause mild skin and eye irritation.	Entry Routes	Eye contact, skin contact, ingestion.
Eyes	May cause mild eye irritation.	Skin	May cause mild skin irritation; dermatitis with prolonged exposure.
Ingestion	GI irritation, nausea, diarrhea.	Inhalation	Not applicable.
Carcinogenicity	None.	Chronic	Repeated ingestion may affect liver, kidneys, metabolism.
Reproductive	Animal studies show effects; no human data.	Classification	Mild skin irritation, Cat. 3. Signal word: Warning.

3 — COMPOSITION / INGREDIENTS

Proprietary mixture. Hazardous components: **None identified**. All ingredients Recognized Safe per FDA 21 CFR 178.3400.

4 — FIRST AID MEASURES

Inhalation	Move to fresh air.
Eye Contact	Rinse with water; seek medical attention if irritation persists.
Skin Contact	Rinse with water; seek medical attention if irritation persists.
Ingestion	Do NOT induce vomiting unless directed by medical personnel. Seek physician if large quantity ingested.

5 — FIRE FIGHTING | 6 — ACCIDENTAL RELEASE

Extinguishing	Dry chemical, water spray, foam, or CO2.	Fire Hazards	Emits acrid smoke when heated to decomposition.
Firefighter PPE	SCBA pressure-demand + full protective gear.	Spill/Release	Soak with inert absorbent; sweep into containers. Water rinse for final clean-up.

7 — HANDLING & STORAGE | 8 — EXPOSURE CONTROLS

Handling	Avoid long-term skin/eye contact. Do not taste or swallow. Adequate ventilation required. Wash contaminated clothing before reuse.	Storage	Cool, well-ventilated; tightly closed. Avoid elevated temps, direct sunlight, and freezing.
Eye Prot.	Splash goggles if required by policy.	Hand Prot.	Rubber or latex gloves if required.
Respiratory	Not required with adequate ventilation.	Ventilation	Good general ventilation is sufficient.



SAFETY DATA SHEET • VA88™

9 — PHYSICAL & CHEMICAL PROPERTIES

Physical State	Liquid	pH	4.0 – 4.5	Appearance	Aqueous solution
Color	Light amber	Odor	Similar to apple cider	Specific Gravity	1.00 – 1.04
Flash Point	>93.3°C (200°F)	Solubility	Soluble	% Volatile	70–75% (vol)
Boiling Point	>100°C (212°F)	Freezing Point	<0°C (32°F)	Elem. Phosphorus	0.0

10 — STABILITY & REACTIVITY

Stable in sealed containers indefinitely. No hazardous polymerization. **Avoid:** Strong acids/bases, oxidative agents, quaternary disinfectants, elevated temperatures, direct sunlight, and freezing.

11 — TOXICOLOGICAL INFORMATION

Oral LD50 >2 g/kg (Rat); Dermal LD50 >2 g/kg (Rabbit). All ingredients Recognized Safe per FDA 21 CFR 178.3400. Not listed as carcinogen by NTP, IARC, or OSHA.

12 & 13 — ECOLOGICAL & DISPOSAL

Ecological: No known environmental hazards. **Disposal:** Dispose per applicable federal, state, and local regulations. Do not reuse empty containers.

14 — TRANSPORT INFORMATION

Not a hazardous material. No UN number, transport class, or packing group assigned. Avoid freezing and temperatures above 140°F (60°C) during transport.

15 — REGULATORY INFORMATION

US Inventory	All components listed or exempt.	CA Prop 65	No listed carcinogens or reproductive toxicants.
HMIS / NFPA	Health: 1 Fire: 0 Reactivity: 0	PPE	Gloves and protective eyewear recommended.

16 — OTHER INFORMATION

Prepared using technically reliable data; does not constitute a warranty. Users are responsible for complying with applicable laws and regulations.

ASL Solutions LLC | P.O. Box 2416, McKinney, TX | 619.825.2121 | appliedsciencelabs.co