

MATERIAL SAFETY DATA SHEET

VAT-ADD 50 LIQUID

Section I

A-ONE CHEMICALS & EQUIPMENT, INC.

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Emergency Telephone Number
(713) 644-1492

Telephone Number for Information
(713) 644-1492

Date Prepared
January 15, 2014

Section II — Hazardous Ingredients/Identity Information

Hazardous Components

(Specific Chemical Identity: Common Name(s))
Sodium Metasilicate (CAS # 6834-92-0)

OSHA PEL
N/E

ACGIH TLV
N/E

Other Limits Recommended
N/A

% (optional)
N/A

Section III — Physical/Chemical Characteristics

Boiling Point	212 °F	Specific Gravity (H)	1.16
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	1%

Solubility in Water
Soluble

Appearance and Odor
Amber liquid

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A		N/A	N/A

Extinguishing Media

Dry chemical, water mist, alcohol foam

Special Fire Fighting Procedures

Firefighters should wear a self-contained breathing apparatus as in all chemical fires.

Unusual Fire and Explosion Hazards

None

Section V — Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable	
		X

Incompatibility (Materials to Avoid)

Avoid. Strong Acids. Avoid strong oxidizing agents.

Hazardous Decomposition or Byproducts

May produce oxides of carbon

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	Yes	No	Yes

Health Hazards (Acute and Chronic)

May produce irritation of the gastrointestinal tract if ingested, Irritating to eyes. No known chronic health hazards.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

EYES - Irritation; SKIN - May produce drying upon prolonged contact; INHALATION - May produce irritation; INGESTION - Irritation of gastrointestinal tract

Medical Conditions

Generally Aggravated by Exposure

Unknown

Emergency and First Aid Procedures

SKIN - Flush with water; EYES - Flush with water for fifteen (15) minutes. See a physician immediately; INHALATION - If mists are produced and irritation occurs, leave area. Do not return until mist has dissipated. If irritation persists, see a physician. INGESTION - Drink milk or water. DO NOT INDUCE VOMITING. If gastric irritation persists, see a physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain spill. Dilute with water.

Waste Disposal Method

Diluted material may be flushed into sewer.

Precautions to Be Taken in Handling and Storing

Store in a cool, dry place.

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)

N/A

Ventilation	Local Exhaust	Special
	Mechanical (General) X	None Other

Protective Gloves

Rubber

Eye Protection

N/A

Other Protective Clothing or Equipment

N/A

Work/Hygiene Practices