

SAFETY DATA SHEET



AMERICAN INDUSTRIES, INC.

WWW.AMERICANINDUSTRIES.COM

SECTION 1: IDENTIFICATION

COMPANY NAME: AMERICAN INDUSTRIES, INC.
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EMERGENCY PHONE: CHEMTREC 1-800-424-9300

PRODUCT NAME: FAV-X100
PRODUCT CODE: 2509
PRODUCT USE: Concentrate Fleet Vehicle Wash
SDS FILE ID: 2509.02
SDS DATE: 2025-01-31

REPLACES SDS VERSION DATED: 2017-10-02 and all prior revisions

SECTION 2: HAZARDS IDENTIFICATION

Classification

Metal Corrosive	Category 1	H290
Skin Corrosive	Category 1C	H314
Skin Sensitivity	Category 1	H317
Reproductive Toxicity	Category 2	H361

Label elements



Signal word

Danger

Hazard statements:

May be corrosive to metals.
Causes severe skin burns and eye damage
May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child.

Precautionary statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep only in original packaging.
Do not breathe spray, mist.
Wash hands thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear eye protection, protective clothing, protective gloves.
If swallowed: rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Immediately call a doctor, a POISON CENTER.
If skin irritation or rash occurs: Get medical advice or attention.
Take off immediately all contaminated clothing and wash it before reuse.
Absorb spillage to prevent material damage.
Store locked up.
Store in corrosive resistant container with a resistant inner liner.
Dispose of contents and container to comply with local, regional, national, and international regulations.

Other hazards

No additional information available.

Unknown acute toxicity

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture-See below:

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>	<u>Classification</u>
Sodium metasilicate	6834-92-0	5-10	Met. Corr. 1, H290
(Corrosion inhibitors)			Skin Corr. 1B, H314
			STOT SE 3, H335

Sodium laurimonodipropionate	14960-06-6	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Undeceth-5	34398-01-1	1-5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Disodium Lauryl Phenyl Ether Disulfonate	119345-04-9	0.1-1	Eye Dam. 1, H318 Skin Sens. 1, H317 Repr. 2, H361

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: FIRST AID MEASURES

General first aid	Call a physician immediately.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin contact	Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Ingestion	Rinse mouth. Do NOT induce vomiting. Call a physician immediately.
Most important symptoms and effects, acute and delayed	Inhalation: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. Skin Contact: Burns. May cause an allergic skin reaction. Eye Contact: Serious damage to eyes. Ingestion: Burns.
Note to physician	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, dry powder, foam, carbon dioxide.
Unsuitable extinguishing media	Do not use a heavy water stream.
Special hazards arising from the substance or mixture	Fire hazard: No fire hazard. Explosion hazard: No direct explosion hazard. Reactivity: Upon combustion: Co and CO2 are formed.
Special firefighting procedures	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
For non-emergency personnel	Protective Equipment: Wear recommended personal protective equipment. Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fumes/gas/mist/vapours/spray.
For emergency responders	Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Emergency procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.
Environmental precautions	Avoid release to the environment.
Methods for containment and clean up	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site.

SECTION 7: HANDLING AND STORAGE

Technical Measures	Keep in a cool, well-ventilated place away from heat.
Storage conditions	Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up
Incompatible Products	Metals
Information on mixed storage	KEEP SUBSTANCE AWAY FROM: (strong) acids.
Packaging materials	Store always product in container of same material as original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	Undeceth-5 (34398-01-1)	Not applicable
	Sodium Lauriminodipropionate (14960-06-6)	Not applicable
	Sodium Metasilicate (6834-92-0)	Not applicable
	Disodium Lauryl Phenyl Ether Disulfonate (119345-04-9)	Not applicable
Appropriate engineering controls	Ensure good ventilation of the work station.	
Personal protective equipment	Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing.	
Hand protection	Protective gloves.	
Eye protection	Safety glasses.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	[In case of inadequate ventilation] wear respiratory protection.	
Environmental exposure controls	Avoid release to the environment	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, light yellow liquid
Odor	Mild detergent odor
Odor threshold	No data available
pH	11-14
Melting point	No data available
Boiling point	No data available
Freezing Point	No data available
Flammability	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Flash point	>200°F (93°C) Closed Cup
Relative evaporation rate (butyl acetate=1)	No data available
Auto-ignition temperature	No data available
Vapor Pressure	No data available
Relative density	No data available
Relative vapor density at 20°C	No data available
Specific Gravity/Density	1.08 g/ml
Solubility in Water	Soluble in water.
Log Pow	No data available
Log Kow	No data available
Decomposition temperature	No data available
VOC content	<0.3%
Viscosity	No data available
Viscosity kinematic/dynamic	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Upon combustion: CO and CO ₂ are formed.
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Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Refer to section 10 on reactivity.
Conditions to avoid	Non under recommended storage and handling conditions (see section 7).
Incompatible materials	Strong bases. Metals.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified	
Undeceth-5 (34398-01-1)	LD50 oral rat	>1400 mg/kg
	LD50 dermal rabbit	LD50 dermal rabbit >2000 mg/kg Source: Butch Company
Sodium Metasilicate (6834-92-0)	LD50 dermal rat	>5000 mg/kg bodyweight Animal: rat, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
	LD50 inhalation – rat	>2.06 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)
Skin corrosion/irritation	Causes severe skin burns. pH 11-14	
Serious eye damage/irritation	Assumed to cause serious eye damage. pH 11-14	
Respiratory or skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Suspected of damaging fertility or the unborn child.	
Specific target organ toxicity (single exposure)	Not classified	
Specific target organ toxicity (repeated exposure)	Not classified	
Sodium Metasilicate (6834-92-0)	NOAEL (oral, rat, 90 days)	227-237 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	Not classified	
Symptoms/injuries after inhalation	Although no appropriate human or animal health effects data are known to exist, this materials is expected to be an inhalation hazard.	
Symptoms/injuries after skin contact	Burns. May cause an allergic skin reaction.	
Symptoms/injuries after eye contact	Serious damage to eyes.	
Symptoms/injuries after ingestion	Burns.	

SECTION 12: ECOLOGICAL INFORMATION

Ecology – general	Before neutralization, the product may represent a danger to aquatic organisms.	
Undeceth-5 (34398-01-1)	LC50 Fish 1	3.9 mg/l Source: ECOTOX
	EC50 Crustacea 1	<10 mg/l
	ErC50 algae	<10 mg/l
Sodium Metasilicate (6834-92-0)	EC50 Crustacia 1	1700 mg/l Test organisms (species): Daphnia magna
Persistence and degradability	No additional information available.	
Bioaccumulative potential		
Undeceth-5 (34398-01-1)	Partition coefficient n-octanol/water (Log Power)	4 Source: EPISUITE

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods		
Regional waste regulation	Disposal must be done according to official regulations.	
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.	
Sewage disposal recommendations	Disposal must be done according to official regulations.	
Product/package disposal recommendations	Disposal must be done according to official regulations.	
Additional information	Do not re-use empty containers.	

SECTION 14: TRANSPORT INFORMATION

DOT

Transport document description	UN1760 Corrosive liquids, n.o.s. (Disodium Metasilicate), 8, III
UN number	UN1760
UN proper shipping name	Corrosive liquids, n.o.s.
Transport hazard class(es)	8 – Class 8 – Corrosive material 49 CFR 173.136
Hazard labels (DOT)	



Packing group	III – Minor Danger
DOT Packaging Non Bulk (49 CFR 173.xxx)	203
DOT Packaging Bulk (49 CFR 173.xxx)	241
DOT Symbols	G – Identifies PSN requiring a technical name.
DOT Special Provision (49 CFR 172.102)	IB3, T7, TP1, TP28
DOT Packaging Exceptions (49 CFR 173.xxx)	154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	60 L
DOT Vessel Stowage Location	A
DOT Vessel Stowage Other	40 – Stow “clear of living quarters”

Additional information

Emergency Response Guide (ERG) 154

Number

Other information

When transported by ground, this product may be eligible to be shipped as a Limited Quantity utilizing the exception found at 49 CFR 173.154. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

ADR

No additional information available.

Transport by sea

No additional information available.

Air transport

No additional information available.

SECTION 15: REGULATORY INFORMATION

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S.

Methylisothiazolinone

Cas# 2682-20-4

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR 372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Undeceth-5 (34398-01-1)

SARA Section 311/312 Hazard
Classes

Immediate (acute) health hazard



WARNING

This product can expose you to chemicals including Ethylene oxide, which is known in the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

Training advice	Normal use of this product shall imply use in accordance with the instructions on the packaging.
NFPA health hazard	2 – Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
NFPA fire hazard	0 – Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	0 – Material that in themselves are normally stable, even under fire conditions.

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS