



Safety Data Sheet

Creation Date April 6, 2021

1. IDENTIFICATION

Product name **SF-100™**

Recommended use of the chemical Cement/Concrete Additive

Uses advised against None known

Details of the supplier of the safety data sheet

ACEIT Industries, Inc.
 3170 North Ohio
 Wichita, Kansas 67219
 Phone: 316-832-0006
www.richard@andaleconstruction.com

Emergency Contact Number: 316-832-0006

2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Not a hazardous substance or mixture

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are hazardous to health

Physical state	Color	Odor
liquid	Clear Orange to translucent	Mild

PRECAUTIONARY STATEMENTS

Prevention

Wear protective waterproof gloves. Wear eye protection/ face protection. Wash thoroughly after with soap and water, remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention if irritation should develop.

Response

If swallowed: Rinse mouth. Do not induce vomiting. Call a poison center or physician if you feel unwell.

If on skin: Wash thoroughly after with plenty of water. remove contaminated clothing and footwear. Wash clothing before reuse.

If in eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical attention.

Storage Not applicable

Disposal

Dispose of contents and container in accordance with all local, regional, state, and national regulations to an approved waste disposal facility

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: This product is a blend containing Nonionic Surfactant, Polyvinyl alcohol and Sodium salt of Polyether carboxylate.

The exact composition is Proprietary*

*Composition/specifics are withheld as a trade secret under provision of OSHA Hazard Communications Standard 29 CFR 1910.1200.

4. FIRST AID MEASURES

First Aid Measures

Eye contact

Rinse immediately with plenty of running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin contact

Immediately wash thoroughly with soap and water, remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention if irritation should develop.

Ingestion

DO NOT induce vomiting. Rinse mouth. If vomiting should occur spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove to fresh air. If effects occur, call a physician immediately.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

Refer to Section 11 for Toxicological information

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray, Carbon dioxide (CO₂), Powder and Foam.

Unsuitable Extinguishing media

None.

Specific Hazards arising from the chemical

Aqueous Liquid: does not show any particular risk in case of fire.

Protection of firefighters

Appropriate protective equipment must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Isolate and restrict area.

Keep unnecessary and unprotected personnel from entering area.

Spilled material may cause a slipping hazard.

Use appropriate safety equipment.

Wear suitable protective clothing, safety glasses and waterproof protection gloves.

Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions

Prevent from entering ditches, sewers, waterways and/or groundwater.

Advise local authorities if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Stop leak and contain if safe to do so.

Soak up small spills with inert absorbent material such as dirt, sand, sawdust and place in a labeled waste container for disposal according to local/national regulations.

7. HANDLING AND STORAGE

Handling Precautions

Keep container tightly closed when not in use and during transport.

Use good industrial hygiene practices in handling this material.

Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water, remove contaminated clothing and footwear.

Wear waterproof protection gloves.

Wear safety glasses with side shields, OSHA standard goggles or face shield. Do not eat, drink, or smoke in working area.

Contact with heated materials may cause thermal burns.

Conditions for safe storage, including any incompatibilities

Store above 41°F (5 °C) and below 104 °F (40 °C).

Recommended containers: Plastic materials (polyethylene), Stainless steel.

Not recommended containers: Metal.

Incompatible products

Oxidizing agents, strong acids, peroxides, perchlorates, nitrates, reactive metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits/Guidelines

Methyl acetate	79-20-9
ACGIH:	200 ppm TWA
	250 ppm STEL
NIOSH	200 ppm TWA; 610 mg/m ³ TWA
	250 ppm STEL; 760 mg/m ³ STEL
	3100 ppm IDLH (10% LEL)
OSHA (US)	200 ppm TWA; 610 mg/m ³ TWA
Mexico	200 ppm TWA VLE-PPT; 610 mg/m ³ TWA VLE-PPT
	250 ppm STEL [PPT-CT] 760 mg/m ³ STEL [PPT-CT]

Methyl alcohol	67-56-1
ACGIH:	200 ppm TWA
	250 ppm STEL
	Skin - potentially significant contribution to overall exposure by the cutaneous route
NIOSH	200 ppm TWA; 260 mg/m ³ TWA
	250 ppm STEL; 325 mg/m ³ STEL
	potential for dermal absorption
	6000 ppm IDLH
Europe	200 ppm TWA; 260 mg/m ³ TWA
	Possibility of significant uptake through the skin
OSHA (US)	200 ppm TWA; 260 mg/m ³ TWA
Mexico	200 ppm TWA VLE-PPT; 260 mg/m ³ TWA VLE-PPT
	250 ppm STEL [PPT-CT]; 310 mg/m ³ STEL [PPT-CT]
	Skin- Potential for cutaneous absorption

EU – Occupational Exposure (98/24/EC) – Binding Biological Limit Values and Health Surveillance Measures

There are no biological limit values for any of this product's components.

ACGIH – Threshold Limit Values – Biological Exposure Indices (BEI)

Methyl Alcohol (67-56-1)

15 mg/L Medium: Urine Time: End of Shift Parameter: Methanol (background, nonspecific)

Engineering Controls/ Ventilation.

Does not necessitate specific or particular measure, provided general health and safety procedures are respected.

Eye/face Protection

Wear safety glasses with side shields, OSHA standard goggles or face shield (when eye and face contact is possible due to splashing or spraying of material).

Hand Protection

Wear waterproof protection gloves.

Skin and body protection

Wear standard work clothing, work shoes and waterproof protection gloves.

As with any chemical, skin contact should be minimized with good work practices and PPE where needed.

Respiratory protection

None required under normal use

In case of insufficient ventilation, wear a suitable respiratory protection.

Ingestion: Do not eat, drink, or smoke in work area. Wash hands thoroughly with soap and water thoroughly after handling.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Other personal protection data

Eyewash fountains and safety showers must be easily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Viscous liquid
Color	Clear to Opaque
Odor	Mild Odor
Odor threshold	No information available
pH	4 – 7
Freezing point	No data available
Boiling point / boiling range	100 °C/ 212 °F (water)
Flash point	No data available
Evaporation rate	No data available
Explosive Properties	No data available
Vapor pressure	No data available
Vapor density	No data available
VOC (vol.)	No data available
Viscosity	Not determined
SP Gravity	Not determined
Density	1.04
Solubility in water	Easily soluble in water
Partition coefficient	No data available
Decomposition Temperature	No data available
Autoignition temperature	No data available

The physical data presented are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical stability	Stable under normal conditions of handling, use and transportation.
Possibility of hazardous reactions	Contact with certain metals may cause corrosion and release of hydrogen.
Conditions to avoid	Respect general health and safety rules.
Incompatible materials	Strong oxidizing agents, strong acids, reactive Metals, peroxides, perchlorates, nitrates
Hazardous decomposition products	During combustion, harmful components will be released.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

Acute toxicity No data available

Skin corrosion/Irritation: No data available

Serious Eye damage/Irritation: No data available

Respiratory or skin Sensitization No data available

Chronic toxicity No data available

Germ cell mutagenicity: Available studies have not indicated this material to be a mutagen

Carcinogenicity This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, OSHA or NTP

Reproductive toxicity No data available

Specific target organ toxicity - Single exposure No data available

Specific target organ toxicity - Repeated exposure No data available

Aspiration hazard: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is not expected to cause significant effects in aquatic environment

Persistence and degradability: No data available

Bio accumulative potential: No data available

Mobility: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261

Waste treatment methods

Disposal of wastes

Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, State and local regulations.

Contaminated packaging

Since empty containers retain product residue, follow label warnings even after container is emptied. Dispose of container according to Federal, State and Local regulations

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>ICAO/IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) TSCA 12(b), and/or require and OSHA process safety plan.

Methyl alcohol	67-56-1
SARA 313:	1 % de minimis concentration
CERCLA	5000 lb final RQ; 2270 Kg final RQ

SARA Section 311/312 (40 CFR 370 subparts B and C)

Acute Health: Yes, Chronic Health: No Pressure: No Reactivity: No

U.S State Regulations

The following components appear on one or more of the following state hazardous substance lists:

Component	CAS	CA	MA	MN	NJ	PA
Methyl Acetate	79-20-9	Yes	Yes	Yes	Yes	Yes
Methyl Alcohol	67-56-1	Yes	Yes	Yes	Yes	Yes

The following Statement (s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the State of California to cause reproductive / developmental effects

Methyl alcohol	67-56-1
Repro/Dev. Tox	developmental toxicity 3/16/2012

Canada Regulation

Canadian WHMIS Ingredients Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on SDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL.

Methyl Acetate	79-20-9
	1%
Methyl Alcohol	67-56-1
	1%

					JP- ENCS	JP- ISHL	KR KECI- ANNEX 1	KR KECI- ANNEX 2	KR- REACH CCA				
US	CA	EU	AU	PH						CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes

Acetic acid ethenyl ester, polymer with ethanol (25213-24-5)

					JP- ENCS	JP- ISHL	KR KECI- ANNEX 1	KR KECI- ANNEX 2	KR- REACH CCA				
US	CA	EU	AU	PH						CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes

Sodium acetate (127-09-3)

					JP- ENCS	JP- ISHL	KR KECI- ANNEX 1	KR KECI- ANNEX 2	KR- REACH CCA				
US	CA	EU	AU	PH						CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes

Methyl acetate (79-20-9)

					JP- ENCS	JP- ISHL	KR KECI- ANNEX 1	KR KECI- ANNEX 2	KR- REACH CCA				
US	CA	EU	AU	PH						CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

Methyl alcohol (67-56-1)

					JP- ENCS	JP- ISHL	KR KECI- ANNEX 1	KR KECI- ANNEX 2	KR- REACH CCA				
US	CA	EU	AU	PH						CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

5-Chloro-2 methyl-3(2H) – isothiazole, mixture with 2-methyl-3(2H) – isothiazolone (55965-84-9)

					JP- ENCS	JP- ISHL	KR KECI- ANNEX 1	KR KECI- ANNEX 2	KR- REACH CCA				
US	CA	EU	AU	PH						CN	NZ	MX	TW
No	DSL	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes

16. OTHER INFORMATION

Personal Protection – Use protective waterproof gloves and Safety goggles with side shield.

User's Responsibility: The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that this SDS be made available to your employees who handle or may be exposed to this product. Educate and train your employees regarding applicable precautions. Instruct your employees to handle this product properly.

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The

information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for one's own particular use. Since the actual use of the product described herein is beyond our control, ACEIT Industries, Inc. assumes no liability arising out of the use of the product by others. Appropriate warnings and safe handling procedures should be provided to handlers and users. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulation, rules or insurance requirement. However, product must not be used in a manner which could result in harm.

HMIS Information

HEALTH	1
FLAMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Key/ Legends

ACGIH	American Conference of Governmental Industrial Hygienists
AU	Australia
CA	Canada
CA/MA/MN/NJ/PA	California/Massachusetts/Minnesota/New Jersey/Pennsylvania
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations (US)
CERCLA	Comprehensive Environmental Response, Compensation and Liabilities Act
CN	China
CPR	Controlled Products Regulations
DOT	Dept. of Transportation
DSD	Dangerous Substance Directive
DSL	Domestic Substance List
EC	European Commission
EIN	European Inventory of (Existing Commercial Chemical Substances)
EINECS	European Inventory of Existing Commercial Chemical Substances
ENCS	Japan Existing and New Chemical Substance Inventory
EPA	Environmental Protection Agency
EU	European Union
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IDL	Ingredient Disclosure List
IDLH	Immediately Dangerous to Life and Health
IMDG	International Maritime Dangerous Good
ISHL	Japan Industrial Safety and Health Law
IUCLID	International Uniform Chemical Information Database
JP	Japan
KECI	Korean Existing Chemical Inventory
KECL	Korean Existing Chemical List
KR	Korea
LD50/LC50	Lethal Dose / Lethal Concentration
LEL	Lower Explosive Limit
NTP	National Toxicology Program
NZ	New Zealand
OSHA	Occupational Health and Safety Administration
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit

TDG	Transportation of Dangerous Goods
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average
UEL	Upper explosive limit
US	United States
VLE	Exposure Limit Value (Mexico)
WHMIS	Workplace Hazardous Materials Information System