



1. Product and Company Identification

Material name FlowMaster

Manufacturer/Supplier
 Supplier(Manufacturer): SunWest Fluids, Inc.
 Address: PO Box 80593, Midland, TX, 79708

Emergency telephone Number:
 Chemtrec +1-800-424-9300

2. Hazards identification

GHS classification

Physical hazards Not classified

Health hazards Not classified

Environmental hazards Not classified

GHS label elements

Hazard Pictograms No hazard pictogram is used.

Signal word No signal word is used.

Hazard statement Not applicable.

Precautionary statement

Prevention Not applicable.

Response Not applicable.

Storage Not applicable.

Disposal Not applicable.

3. Composition / Information on Ingredients

Components	CAS#	Percent
Carboxymethyl cellulose	9004-32-4	98%
Sodium chloride	7647-14-5	1.8%
Others	-	0.2%

4. First Aid Measures

First aid procedures

Eye contact Flush eyes with water as a precaution.

Skin contact Wash off with soap and plenty of water.

Inhalation If breathed in, move person into fresh air. If not breathing give artificial respiration.

Ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water.

Notes to physician Treat symptoms.

5. Fire Fighting Measure

Flammable properties	This product is non-flammable.
Extinguishing media	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Not available.
Firefighting equipment/instructions	Wear self contained breathing apparatus for fire-fighting if necessary.
Hazardous combustion products	Carbon oxides.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. For personal protection see section 8.
Environmental precautions	Do not let product enter drains.
Methods for cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

8. Exposure Controls / Personal Protection

Control parameters:

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA:

Not available.

EMERGENCY LIMITS:

Ingredient	TEEL-1	TEEL-2	TEEL-3
Carboxymethyl cellulose	7.1 mg/m ³	78 mg/m ³	5300 mg/m ³
Sodium chloride	1 ppm	2.52 ppm	30 ppm
Sodium chloride	11 mg/m ³	120 mg/m ³	1100 mg/m ³

Ingredient	Original IDLH	Revised IDLH
Carboxymethyl cellulose	Not Available	Not Available
Sodium chloride	Not Available	Not Available

Exposure controls:

Appropriate engineering controls: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit. Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of hazardous chemicals.

Individual protection measures, such as personal protective equipment:

Eye / face protection	Safety glasses.
Skin protection	For prolonged or repeated contact use protective gloves.
Respiratory protection	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN

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(EU).

General hygiene considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

9. Physical & Chemical Properties

Appearance

Physical state	Solid
Form	Powder
Color	Beige
Odor	Not available
Odor threshold	Not available
pH	Not available
Vapor pressure	Not available
Vapor density	Not available
Boiling point	Not available
Melting point/Freezing point	Not available
Solubility (water)	Not available
Specific gravity	Not available
Relative density	Not available
Density	1.59 g/cm ³
Flash point	Not available
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Auto-ignition temperature	Not available
VOC	Not available
Percent volatile	Not available
Other data	
Viscosity	Not available
Thermo-decompose temperature	Not available

10. Chemical Stability & Reactivity Information

Reactivity	The substance is stable under normal storage and handling conditions.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.
Possibility of hazardous reactions	No dangerous reactions known.

11. Toxicological Information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

LD50(Oral, Rat): 27,000 mg/kg

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LD50(Dermal, Rabbit): > 2,000 mg/kg
 LC50(Inhalation, Rat): Not available
 Skin corrosion/Irritation: Not classified
 Serious eye damage/irritation: Not classified
 Respiratory or skin sensitization: Not classified
 Germ cell mutagenicity: Not classified
 Carcinogenicity: Not classified
 Reproductive toxicity: Not classified
 STOT- single exposure: Not classified
 STOT-repeated exposure: Not classified
 Aspiration hazard: Not classified

12. Ecological Information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	100 -1,000 mg/l	96h	Fish	OECD 203	N/A	N/A
EC50	87.26 mg/l	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: Not available.
 Bioaccumulative potential: Not available.
 Mobility in soil: Not available.
 Results of PBT&vPvB assessment: Not available.
 Other adverse effects: No known significant effects or critical hazards.

13. Disposal Considerations

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.
 Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT

Basic shipping requirements:

UN number: Not regulated
 Proper shipping name: Not regulated
 Hazard class: Not regulated
 Packing group: Not regulated
 Environmental hazards: No

IATA

UN number: Not regulated
 UN proper shipping name: Not regulated
 Transport hazard class(es): Not regulated
 Packing group: Not regulated
 Environmental hazards: No

IMDG

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	No

15. Regulatory Information

Safety, health and environmental regulations / legislation specific for the substance or mixture

Carboxymethyl cellulose (9004-32-4) is found on the following regulatory lists	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory"
Sodium chloride (7647-14-5) is found on the following regulatory lists	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory"

16. Other Information

HMIS® ratings	Health: 0 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 0 Flammability: 0 Instability: 0
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Disclaimer

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