

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Corporation
4520 Richmond Road
Cleveland OH 44128
1-800-846-7325

Emergency Telephone Number

Call Chemtrec at 1-800-424-9300

Product Identifier:

Gasola® WFP (Water Finding Paste)*

Product Description:

Complex Mixture

Section 2 Hazards Identification

HMIS HAZARD IDENTIFICATION

Health: 2

Flammability: 1

Reactivity: 0

PPI:

SUMMARY OF ACUTE HAZARDS: Causes skin irritation and severe eye damage.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS:

INHALATION: Low volatility makes vapor inhalation unlikely.

EYE CONTACT: Corrosive. Contact causes severe irritation, burns, redness, and pain. May cause corneal damage.

SKIN CONTACT: May cause irritation, redness, and pain, especially on prolonged or repeated contact. Can cause allergic reaction in certain individuals. May be a weak skin sensitizer.

INGESTION: Low oral toxicity, but may cause burns in the mouth, pharynx, and esophagus, abdominal pain, nausea, vomiting and diarrhea.

SUMMARY OF CHRONIC HAZARDS: Repeated exposures to high concentrations may cause liver and kidney damage. Effects may be delayed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Section 3 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Contains:

		OSHA PEL	ACGIH TLV	% by wt.
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Triethanolamine	CAS# 102-71-6	N/D	5 mg/m3	< 60
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Diethanolamine	111-42-2	15mg/M3	2mg/M3	< 8
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Inorganic Additive	*****	---	---	< 6
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Organic Additive	*****	---	---	< 5
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Aluminum salt	*****	2 mg/M3	2 mg/M3	<50
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*** Exact chemical identity withheld as Confidential Business Information

Section 4 First Aid Measures

INHALATION: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

INGESTION: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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Page 1 of 4

EYES: Flush eyes immediately with large quantities of water, lifting the lower and upper lids occasionally. Get medical attention immediately.

SKIN: Flush the contaminated skin and wash with soap and water. Remove contaminated clothing and shoes. Get medical attention. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing.

FLASH POINT: 350 F (176 C) LEL: N/D UEL: N/D

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. Releases to air, land or water of 1250 pounds or more must be reported to the National Response Center (800-424-8802) based on the RQ of 100 lbs for Diethanolamine.

Section 7 Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

Section 8 Exposure Controls/Personal Protection

RESPIRATORY PROTECTION (SPECIFY TYPE): None required

VENTILATION – LOCAL EXHAUST: Acceptable

SPECIAL: N/A

MECHANICAL (GENERAL): Acceptable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 Physical and Chemical Properties

APPEARANCE/ODOR Mustard yellow / mild odor

BOILING POINT: N/D

SPECIFIC GRAVITY (H₂O = 1): 1.45

VAPOR PRESSURE (mm Hg): N/D

MELTING POINT: N/A

VAPOR DENSITY (AIR=1) >1

EVAPORATION RATE (Ethyl Acetate=1) <1

SOLUBILITY IN WATER: Slightly Soluble

Section 10 Stability and Reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: This product should not be heated above 60 C in the presence of aluminum metal due to excessive corrosion and potential chemical reaction releasing flammable hydrogen gas.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong oxidizing agents and halogenated hydrocarbons

HAZARDOUS DECOMPOSITION PRODUCTS: CO, nitrogen oxides, oxides of aluminum and iron and fragmented hydrocarbons

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 Toxicological Information

CHRONIC HEALTH HAZARDS: Repeated and prolonged exposures to high concentrations may cause liver and kidney damage. Effects may be delayed. Phenolphthalein is listed by NTP as a material that is reasonably anticipated to cause cancer. No ingredient in this product is an IARC, or OSHA listed carcinogen.

TOXICOLOGY DATA: None for the mixture

Section 12 Ecological Information

ECOLOGICAL DATA:

No information on the complex mixture

Section 13 Disposal Information

Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations. Contact the proper authorities for specific instructions. Waste classification: Non-regulated liquid waste.

Section 14 Transportation Information

DOT HAZARD CLASS:	Not Regulated
OCEAN (IMDG):	Not Regulated
AIR (IATA):	Not Regulated
WHMIS (CANADA):	Not regulated

Section 15 Regulatory Information

REGULATORY DATA:

SARA 313 :	Yes. Diethanolamine is reportable under SARA 313
TSCA Inventory:	Yes. All ingredients listed.
CERCLA RQ	Yes. 1250 lbs product based on an RQ of 100 lbs for the Diethanolamine content
RCRA Code	N/A
California Prop 65:	Yes CANCER (Phenolphthalein)

Section 16 Other

Prepared by CP:

The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. The Federal Process Company makes no warranty, either express or implied, including merchantability and fitness.

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations.