

**PyroSolv, Iron Sulfide Remover SDS, Safety Data Sheet**  
**MSDS Sheet, Material Safety Data Sheet**

**1. Product Identification**

Product Name: PyroSolv

Recommended use: Iron Sulfide Removing

CAS No.: Mixture

Relevant Uses: Oil & Gas Wells and Industrial Use.

**SUPPLIER**

Company: Finoric LLC

Address: 8115 Loop 540, Beasley, Texas, 77417 USA

**In case of emergency contact:**

**InfoTrac**

**US: 1-800-535-5053**

**International: 352-323-3500**

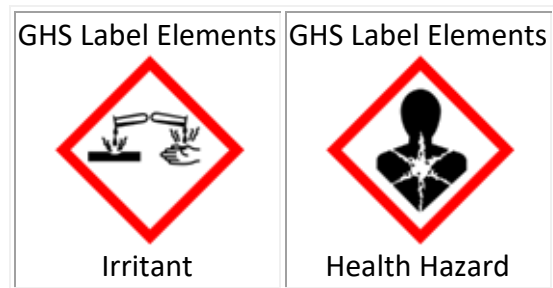
**2. Hazards Identification**

**GHS, Globally Harmonized System Classification in accordance with 29 CFR 1910**  
**Classification according to Regulation (EC) No 1272/2008**

Skin corrosion/irritation Category 1A, B, C

Reproductive toxicity Category 2

**Labeling according GHS USA & Regulation (EC) No 1272/2008**



**Signal Words: Warning**



**Hazard statements:**

H314: Causes severe skin burns and eye damage.

H361d: Suspected of damaging the unborn child.

**Precautionary statements:**

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264: Wash contaminated parts thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. P337+P313: If eye irritation persists get medical advice/attention. Remove contact lenses if present and easy to do – continue rinsing.

P308+313: IF exposed or concerned: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/national regulation.

**Classification according to EU Directives 67/548/EEC or 1999/45/EC:**

C Corrosive, Xn Harmful

R36/38 - Irritating to eyes and skin.

R35 - Causes severe burns.

S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

OSHA Hazards: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**3. Composition/Information on Ingredients**

<b>Ingredient name</b>	<b>%</b>	<b>CAS number and EINECS</b>
Amine acetate salt	20 - 30	Trade secret
Potassium oxalate	0.5 - 10	CAS: 583-52-8 or 6487-48-5 EINECS: 209-506-8

**4. First Aid Measures**

**Always seek medical attention after first aid measures are provided.**

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Get medical attention immediately.

**Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Get medical attention immediately.

**Skin Contact:** Wash affected area with soap and mild detergent for at least 20 - 60 minutes. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention.

**Eye Contact:** Immediately flush the eye(s) continuously with lukewarm, gently flowing water for at least 20-60 minutes while holding the eyelid(s) open. Check for and remove any contact lenses. Chemical burns must be treated promptly by a physician. Get medical attention immediately.

**Potential acute health effects:**

**Eye contact:** Causes serious eye damage.

**Inhalation:** May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

**Skin contact:** Causes severe burns.

**Ingestion:** May cause burns to mouth, throat and stomach.

**Indication of immediate medical attention and special treatment needed, if necessary:**

**Notes to physician:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments:** No specific treatment.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.



8115 Loop 540, Beasley, TX 77417  
Toll Free: 1-855-FINORIC (1-855-346-6742)  
Email: info@finoric.com • www.finoric.com

Products of Combustion: Carbon dioxide, Carbon monoxide, nitrogen oxide, fumes and metallic oxides.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Containers may explode on heating

## 6. Accidental Release Measures

Small Spill: Avoid dust/mist/vapor formation. Avoid breathing dust/mist/vapor. Ensure adequate ventilation. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Avoid touching the spilled material. Do not let the product enter drains. Put the material into a convenient waste disposal container. Do not contaminate the environment. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## 7. Handling and Storage

Do not ingest. Do not breathe dust/mist/vapor formation. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Provide appropriate exhaust ventilation at places where dust is formed. If you feel unwell, seek medical attention.

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

## 8. Exposure Controls/Personal Protection

Airborne Exposure Limits: Not established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

Skin Protection: Wear protective gloves and clean body-covering clothing.



**Eye Protection:** Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**Other Control Measures:** Maintain good housekeeping in work area. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

## 9. Physical and Chemical Properties

**Appearance:** It is a clear light yellow liquid.

**Odor:** Odorless.

**Solubility:** It is miscible in water.

**pH:** 12 to 13

**Density:** 1.20 g/mL at 15C

**% Volatiles by volume @ 21C (70F):** NA

**Boiling Point:** NA

**Melting Point:** NA

**Flash point:** Closed cup: >94°C (>201.2°F) [TCC]

**Flammability (solid, gas):** Slightly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.

**Vapor pressure:** 2.4 kPa (17.9 mm Hg) @ 21.1°C (Calculated Value for all Components.)

**Vapor density:** >1 (Air = 1)

**Viscosity:** Dynamic (15°C): <50 cP

**Pour Point:** -4°C (24.8°F)

## 10. Stability and Reactivity

**Stability:** It is stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:** It emits Carbon dioxide, Carbon monoxide, Nitrogen oxides & Fumes. Metallic oxides are formed.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Strong oxidizing agents and acids.

**Conditions to Avoid:** Incompatibles.

## 11. Toxicological Information

**Information on the likely routes of exposure:** Routes of entry anticipated: Dermal, Inhalation.

**Carcinogenicity:** Not reported as Carcinogen.

### Acute toxicity estimates

Route	ATE value
Oral	9565.2 mg/kg
Dermal	15942 mg/kg
Inhalation (vapors)	48.89 mg/l



8115 Loop 540, Beasley, TX 77417  
Toll Free: 1-855-FINORIC (1-855-346-6742)  
Email: info@finoric.com • www.finoric.com

Mutagenic Effects: No known significant effects or critical hazards.

Teratogenic Effects: No known significant effects or critical hazards.

Developmental Toxicity: No known significant effects or critical hazards.

## 12. Ecological Information

Environmental Fate: Not available.

Environmental Toxicity: Not known.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Other adverse effects: No known significant effects or critical hazards.

## 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. Transport Information

### USA DOT & ADR/RID Classification:

UN Number: UN3266

UN proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains: Potassium oxalate, Potassium hydroxide.

Transport hazard class(es): 8

Packing group: II

Environmental hazards: No

### Canada TDG Classification:

UN Number: UN3266

UN proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains: Potassium oxalate, Potassium hydroxide.

Transport hazard class(es): 8

Packing group: II

Environmental hazards: No

### IMGG Classification:

UN Number: UN3266

UN proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains: Potassium oxalate, Potassium hydroxide.

Transport hazard class(es): 8



8115 Loop 540, Beasley, TX 77417  
Toll Free: 1-855-FINORIC (1-855-346-6742)  
Email: info@finoric.com • www.finoric.com

Packing group: II  
Environmental hazards: No  
Emergency schedules (EmS) F-A S-B  
IATA:  
UN Number: UN3266  
UN proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains: Potassium oxalate, Potassium hydroxide.  
Transport hazard class(es): 8  
Packing group: II  
Environmental hazards: No

## 15. Regulatory Information

### USA regulations:

TSCA 12(b) one-time export: No products were found.

TSCA 12(b) annual export notification: No products were found.

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: Potassium hydroxide

SARA 302/304: No products were found.

SARA 311/312: Immediate (acute) health hazard Delayed (chronic) health hazard.

SARA 313: No products were found.

NFPA (Perceived): Health: 3, Flammability: 1, Reactivity: 0

## Section 16 - Additional Information

### **European Labeling in Accordance with EC Directives**

H314 = Causes severe skin burns and eye damage.

H361d = Suspected of damaging the unborn child.

C = Corrosive

Xn = Harmful

R36/38 = Irritating to eyes and skin.

R35 = Causes severe burns.

**Prepared by AJK on 23 January 2017 - Printed on: 27 January 2020**

### Disclaimer:

\*\*\*\*\*

*The information and recommendations set forth herein are presented in good faith and believed correct as of the date the SDS was created. It is compiled from various sources and it is not necessarily all inclusive nor fully adequate in every circumstance. In addition, these suggestions should not be confused with nor followed in*



8115 Loop 540, Beasley, TX 77417  
Toll Free: 1-855-FINORIC (1-855-346-6742)  
Email: info@finoric.com • www.finoric.com

---

*violation of applicable laws, regulations, rules or insurance requirements applicable. This SDS is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

\*\*\*\*\*