

**Liquid EnviroDry**

Version 1.15

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product information**

Product Name : Liquid EnviroDry
Chemical Name : Sodium Polyacrylate, Crosslinked

Use : Industrial Use

Company : Right Turn Supply
204 SE 9th Street
Pella, Iowa 50219
641-204-0205

Emergency telephone:**1.4. Emergency telephone number**

Emergency information : Non-Emergency Phone Number : (641) 204-0205

24 HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC - US & CANADA toll free: +1-800-424-9300
CHEMTREC - MEXICO toll free: 01-800-681-9531
CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Not a hazardous substance or mixture.

2.2. Label elements

Not a hazardous substance or mixture.

Other hazards

None known

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SECTION 3: Composition/information on ingredients

| Component | CAS-No. | Weight % |
|----------------------|------------|----------|
| Branchedmono-Olefins | 64741-71-5 | 40-60 % |

3.1. Substances

Classification according to Regulation 29CFR 1910.1200

| Chemical Name | Concentration | Classification |
|---------------|---------------|----------------|
| Mixture | | |

SECTION 4: First aid measures**4.1. Description of first aid measures**

General advice : Remove soiled or soaked clothing immediately. Show this SDS to the doctor in attendance.

Skin contact : In case of contact with skin wash off with soap and water.
In the event of symptoms seek medical advice.

Eye contact : In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

Ingestion :Thoroughly clean the mouth with water .
In the event of symptoms seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : No special hints.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media : carbon dioxide

Unsuitable extinguishing media :Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:
- carbon dioxide, carbon monoxide

5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases
Use self-contained breathing apparatus

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SECTION 6: Accidental release measures

Environmental precautions : Prevent further leakage or spillage if safe to do so.

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling : Ensure adequate ventilation.

Hygiene measures : Wash hands before breaks and after work.
Do not eat, drink or smoke when working.
Remove soiled or soaked clothing immediately.

General protective measures : Do not inhale dust/fumes/aerosols.
Avoid contact with eyes and skin

7.2. Conditions for safe storage, including any incompatibilities**Prevention of fire and explosion**

Information : No special measures required.

Storage

Information : Recommend to store in a cool, dry place

Further information on storage conditions : No smoking, Keep container dry

SECTION 8: Exposure controls/personal protection**8.1. Control Parameters**

Contains no substances with occupational exposure limit values (US)

8.2. Exposure controls**Engineering controls****Personal protective equipment**

Eye protection : This product is **not** classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

Hand protection : Glove material: protective gloves

Body Protection : protective clothing

Respiratory protection : in case of formation of vapours/dusts:
Short term: filter apparatus, Filter P1

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|--------------------------------|------------------------------------------|
| Physical state | : liquid |
| Form | : liquid |
| Colour | : white, clear, colorless to pale yellow |
| Odour | : slight hydrocarbon to odorless |
| Odour Threshold | : no data available |
| pH | : not applicable |
| Melting point | : not applicable |
| Boiling point | : no data available |
| Flash point | : >98°C (>208°F) |
| Evaporation rate | : no data available |
| Oxidizing properties | : no |
| Flammability | : no data available |
| Upper Explosion/Ignition Limit | : not measured |
| Lower explosion limit | : not measured |
| Vapour pressure | : no data available |
| Relative density | : no data available |
| Relative vapour density | : not measured |
| Water solubility | : no data available |
| Autoignition temperature | : not measured |
| Thermal decomposition | : not measured |
| Viscosity, kinematic | : 60000 cSt at 25°C (77°F) |
| Viscosity, dynamic | : not applicable |

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SECTION 10: Stability and reactivity

Reactivity : Stable at normal ambient temperature and pressure.

Chemical stability : This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions

Hazardous reactions : Further information: No decomposition if stored and applied as directed.

Hazardous reactions: Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Materials to avoid : No data available.

Other data : No decomposition if stored and applied as directed.

SECTION 11: Toxicological information**Acute oral toxicity**

Branchedmono- Olefins : LD50: > 5,000 mg/kg
Species: Rat

Acute dermal toxicity

Branchedmono- Olefins : LD50: > 2,000 mg/kg
Species: Rat

Skin irritation

Branchedmono- Olefins : May irritate skin. largely based on animal evidence.

Eye irritation

Branchedmono- Olefins : No eye irritation. largely based on animal evidence.

Sensitization

Branchedmono- Olefins : Did not cause sensitization on laboratory animals.

Repeated dose toxicity

Branchedmono- Olefins : No adverse effects expected

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Genotoxicity in vitro

Branchedmono- Olefins : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Genotoxicity in vivo

Branchedmono- Olefins : Test Type: In vivo micronucleus test
Species: Mouse
Method: OECD Test Guideline 474
Result: negative

Reproductive toxicity

Branchedmono- Olefins : No adverse effects expected

Aspiration toxicity

: No aspiration toxicity classification.

Further information

: Solvents may degrease the skin.

SECTION 12: Ecological information**Ecotoxicity effects****Toxicity to fish**

Branchedmono- Olefins : LL50: > 1,000 mg/l
Exposure time: 96 h
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates

Branchedmono- Olefins : EL50: > 100 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

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static test Method: OECD Test Guideline 202

Toxicity to algae

Branchedmono- Olefins : EL50: > 1,000 mg/l
 Exposure time: 96 h
 Species: Selenastrum capricornutum (green algae)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

Branchedmono- Olefins : NOEC: 5 mg/l
 Exposure time: 21 d
 Species: Daphnia magna (Water flea)
 static renewal
 Method: OECD Test Guideline 211

Biodegradability

Branchedmono- Olefins : 0 %
 Testing period: 28 d
 This material is not expected to be readily biodegradable.

Elimination information (persistence and degradability)

Bioaccumulation

Branchedmono- Olefins : No data available

Mobility : No data available

Results of PBT assessment

Branchedmono- Olefins : Non-classified PBT substance, Non-classified vPvB substance

Additional ecological information : This material is not expected to be harmful to aquatic organisms.

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : This material is not expected to be harmful to aquatic organisms.

Long-term (chronic) aquatic hazard : This material is not expected to be harmful to aquatic organisms.

SECTION 13: Disposal considerations

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

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Product : Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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SECTION 15: Regulatory information**National legislation****SARA 311/312 Hazards** : No SARA Hazards**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.**SARA 302 Reportable Quantity** : This material does not contain any components with a SARA 302 RQ.**SARA 302 Threshold Planning Quantity** : This material does not contain any components with a section 302 EHS TPQ.**SARA 304 Reportable Quantity** : This material does not contain any components with a section 304 EHS RQ.**SARA 313 Components** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.**Clean Air Act****Ozone-Depletion Potential** : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM/ Intermediate or Final VOC's (40 CFR 60.489).

US State Regulations

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Pennsylvania Right To Know

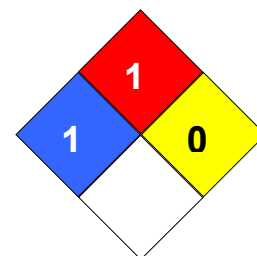
: No components are subject to the Pennsylvania Right to Know Act.

Notification status

| | | |
|-------------------------------------|---|--------------------------------------------------------|
| Europe REACH | : | Not in compliance with the inventory |
| Switzerland CH INV | : | Not in compliance with the inventory |
| United States of America (USA) TSCA | : | All substances listed as active on the TSCA inventory |
| Canada DSL | : | All components of this product are on the Canadian DSL |
| Australia AICS | : | On the inventory, or in compliance with the inventory |
| New Zealand NZIoC | : | Not in compliance with the inventory |
| Japan ENCS | : | Not in compliance with the inventory |
| Korea KECI | : | On the inventory, or in compliance with the inventory |
| Philippines PICCS | : | On the inventory, or in compliance with the inventory |
| China IECSC | : | On the inventory, or in compliance with the inventory |
| Taiwan TCSI | : | On the inventory, or in compliance with the inventory |

SECTION 16: Other information**NFPA Classification**

: Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0

**HMIS Ratings**

| | |
|----------------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Reactivity: | 0 |
| Personal Protection: | X |