

## 1. Identification

**Product identifier** IN-TROL HT

**Other means of identification**

**CAS number** 12002-43-6

**Recommended use** Not available.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** Valence Drilling Fluids,  
**Address** LLC PO Box 7174  
 Edmond, OK 73083  
 USA  
 CHEMTREC

**Telephone**

**Website**

**E-mail**

Not classified.

**Emergency phone number** Not classified. (800) 424-9300

**2. Hazard(s) identification** Not classified.

**Physical hazards** Not classified.

**Health hazards**

**Environmental hazards**

**OSHA defined hazards**

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The substance does not meet the criteria for classification.

**Precautionary statement**

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** 100% of the mixture consists of component(s) of unknown acute oral toxicity. 100% of the mixture consists of component(s) of unknown acute dermal toxicity. 100% of the mixture consists of component(s) of unknown acute inhalation toxicity. 100% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 100% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

**Substances**

| Chemical name | Common name and synonyms | CAS number | %        |
|---------------|--------------------------|------------|----------|
| Asphaltite    |                          | 12002-43-6 | 90 - 100 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

|                                                                               |                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                                                            | Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.                                                                                                                                                                                     |
| <b>Ingestion</b>                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                                                                                                                                                                             |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Dusts may irritate the respiratory tract, skin and eyes.                                                                                                                                                                                                                          |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.                                                                                                                                                                                                                                                            |
| <b>General information</b>                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.                                                                                                                                                                  |
| <b>5. Fire-fighting measures</b>                                              |                                                                                                                                                                                                                                                                                   |
| <b>Suitable extinguishing media</b>                                           | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                                                                                                                                                                                                          |
| <b>Unsuitable extinguishing media</b>                                         | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                            |
| <b>Specific hazards arising from the chemical</b>                             | During fire, gases hazardous to health may be formed.                                                                                                                                                                                                                             |
| <b>Special protective equipment and precautions for firefighters</b>          | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                                                                                                                                                                                     |
| <b>Fire fighting equipment/instructions</b>                                   | Use water spray to cool unopened containers.                                                                                                                                                                                                                                      |
| <b>Specific methods</b>                                                       | Use standard firefighting procedures and consider the hazards of other involved materials.                                                                                                                                                                                        |
| <b>General fire hazards</b>                                                   | No unusual fire or explosion hazards noted.                                                                                                                                                                                                                                       |
| <b>6. Accidental release measures</b>                                         |                                                                                                                                                                                                                                                                                   |
| <b>Personal precautions, protective equipment and emergency procedures</b>    | Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. For personal protection, see section 8 of the SDS. |
| <b>Methods and materials for containment and cleaning up</b>                  | Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Stop the flow of material, if this is without risk.                                                                                                                 |
|                                                                               | Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.                                                                                                                       |
|                                                                               | Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.                                                                                                                                       |
| <b>Environmental precautions</b>                                              | Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                    |
| <b>7. Handling and storage</b>                                                |                                                                                                                                                                                                                                                                                   |
| <b>Precautions for safe handling</b>                                          | Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Practice good housekeeping.                                                                                                                                    |
| <b>Conditions for safe storage, including any incompatibilities</b>           | Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).                                                                                                                                 |
| <b>8. Exposure controls/personal protection</b>                               |                                                                                                                                                                                                                                                                                   |
| <b>Occupational exposure limits</b>                                           | This substance has no PEL, TLV, or other recommended exposure limit.                                                                                                                                                                                                              |
| <b>Biological limit values</b>                                                | No biological exposure limits noted for the ingredient(s).                                                                                                                                                                                                                        |
| <b>Appropriate engineering controls</b>                                       | If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.                                                                                                 |
| <b>Individual protection measures, such as personal protective equipment</b>  |                                                                                                                                                                                                                                                                                   |
| <b>Eye/face protection</b>                                                    | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                                               |
| <b>Skin protection</b>                                                        |                                                                                                                                                                                                                                                                                   |
| <b>Hand protection</b>                                                        | Wear appropriate chemical resistant gloves.                                                                                                                                                                                                                                       |
| <b>Other</b>                                                                  | Wear suitable protective clothing.                                                                                                                                                                                                                                                |
| <b>Respiratory protection</b>                                                 | Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.                                                                                                                                                         |
| <b>Thermal hazards</b>                                                        | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                                                                                     |

**General hygiene considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

|                                                     |                |
|-----------------------------------------------------|----------------|
| <b>Appearance</b>                                   | Powder.        |
| <b>Physical state</b>                               | Solid.         |
| <b>Form</b>                                         | Powder.        |
| <b>Color</b>                                        | Black.         |
| <b>Odor</b>                                         | Not available. |
| <b>Odor threshold</b>                               | Not available. |
| <b>pH</b>                                           | Not available. |
| <b>Melting point/freezing point</b>                 | Not available. |
| <b>Initial boiling point and boiling range</b>      | Not available. |
| <b>Flash point</b>                                  | Not available. |
| <b>Evaporation rate</b>                             | Not available. |
| <b>Flammability (solid, gas)</b>                    | Not available. |
| <b>Upper/lower flammability or explosive limits</b> |                |
| <b>Flammability limit - lower (%)</b>               | Not available. |
| <b>Flammability limit - upper (%)</b>               | Not available. |
| <b>Explosive limit - lower (%)</b>                  | Not available. |
| <b>Explosive limit - upper (%)</b>                  | Not available. |
| <b>Vapor pressure</b>                               | Not available. |
| <b>Vapor density</b>                                | Not available. |
| <b>Relative density</b>                             | Not available. |
| <b>Solubility(ies)</b>                              |                |
| <b>Solubility (water)</b>                           | Not available. |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available. |
| <b>Auto-ignition temperature</b>                    | Not available. |
| <b>Decomposition temperature</b>                    | Not available. |
| <b>Viscosity</b>                                    | Not available. |
| <b>Other information</b>                            |                |
| <b>Explosive properties</b>                         | Not explosive. |
| <b>Molecular formula</b>                            | UNKNOWN        |
| <b>Oxidizing properties</b>                         | Not oxidizing. |

**10. Stability and reactivity**

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Contact with incompatible materials.                                                          |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                      |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.                                                |

**11. Toxicological information****Information on likely routes of exposure**

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Inhalation</b>   | Dust may irritate respiratory system. |
| <b>Skin contact</b> | Dust or powder may irritate the skin. |

|                                                                                     |                                                                                                                  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                                                                  | Dust may irritate the eyes.                                                                                      |
| <b>Ingestion</b>                                                                    | Expected to be a low ingestion hazard.                                                                           |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Dusts may irritate the respiratory tract, skin and eyes.                                                         |
| <b>Information on toxicological effects</b>                                         |                                                                                                                  |
| <b>Acute toxicity</b>                                                               | Not known.                                                                                                       |
| <b>Skin corrosion/irritation</b>                                                    | Prolonged skin contact may cause temporary irritation.                                                           |
| <b>Serious eye damage/eye irritation</b>                                            | Direct contact with eyes may cause temporary irritation.                                                         |
| <b>Respiratory or skin sensitization</b>                                            |                                                                                                                  |
| <b>Respiratory sensitization</b>                                                    | Not a respiratory sensitizer.                                                                                    |
| <b>Skin sensitization</b>                                                           | This product is not expected to cause skin sensitization.                                                        |
| <b>Germ cell mutagenicity</b>                                                       | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>                                                              | Not classifiable as to carcinogenicity to humans.                                                                |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>                       |                                                                                                                  |
| Not listed.                                                                         |                                                                                                                  |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>               |                                                                                                                  |
| Not regulated.                                                                      |                                                                                                                  |
| <b>US. National Toxicology Program (NTP) Report on Carcinogens</b>                  |                                                                                                                  |
| Not listed.                                                                         |                                                                                                                  |
| <b>Reproductive toxicity</b>                                                        | This product is not expected to cause reproductive or developmental effects.                                     |
| <b>Specific target organ toxicity - single exposure</b>                             | Not classified.                                                                                                  |
| <b>Specific target organ toxicity - repeated exposure</b>                           | Not classified.                                                                                                  |
| <b>Aspiration hazard</b>                                                            | Not an aspiration hazard.                                                                                        |

## 12. Ecological information

|                                      |                                                                                                                                                                                                    |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence and degradability</b> | No data is available on the degradability of this substance.                                                                                                                                       |
| <b>Bioaccumulative potential</b>     | No data available.                                                                                                                                                                                 |
| <b>Mobility in soil</b>              | No data available.                                                                                                                                                                                 |
| <b>Other adverse effects</b>         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.            |

## 13. Disposal considerations

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.                                                                                                                             |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                           |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.       |

## 14. Transport information

|             |                                   |
|-------------|-----------------------------------|
| <b>DOT</b>  | Not regulated as dangerous goods. |
| <b>IATA</b> | Not regulated as dangerous goods. |

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information**

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

| Country(s) or region | Inventory name                                                         | On inventory (yes/no)* |
|----------------------|------------------------------------------------------------------------|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada               | Domestic Substances List (DSL)                                         | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand          | New Zealand Inventory                                                  | Yes                    |
| Philippines          | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| Taiwan               | Taiwan Toxic Chemical Substances (TCS)                                 | Yes                    |

|                             |                                               |                               |
|-----------------------------|-----------------------------------------------|-------------------------------|
| <b>Country(s) or region</b> | <b>Inventory name</b>                         | <b>On inventory (yes/no)*</b> |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No                            |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 12-16-2017

**Version #** 01

**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.

**Revision information** Product and Company Identification: Alternate Trade Names  
Hazard(s) identification: Supplemental information  
Composition/information on ingredients: Component information  
Accidental release measures: Personal precautions, protective equipment and emergency procedures  
Accidental release measures: Methods and materials for containment and cleaning up  
Handling and storage: Conditions for safe storage, including any incompatibilities  
Exposure controls/personal protection: Hand protection  
Toxicological information: Acute toxicity  
Toxicological information: Carcinogenicity  
Ecological information: Persistence / degradability  
Other information, including date of preparation or last revision: References