

**DA-LT Diverting Agent Low Temp SDS, Safety Data Sheet**  
**MSDS Sheet, Material Safety Data Sheet**

**1. PRODUCT AND COMPANY IDENTIFICATION**

Commercial Name: DA-LT, Diverting Agent Low Temperature

Recommended uses and uses advised against (if any): Oil Gas Fracturing and Industrial Manufacturing.

**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:**

GHS Classification:

Acute toxicity, oral Category 5

Sensitization, Skin Category 1




Serious eye damage/eye irritation Category 1

Specific target organ toxicity, single exposure; Respiratory tract irritation Category 3

Reproductive toxicity Category 2

Hazardous to the aquatic environment, long-term hazard Category 2

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

| GHS Label Elements   | GHS Label Elements   | GHS Label Elements  |
|--|--|---|
|  A red diamond-shaped hazard pictogram containing a black silhouette of a dead tree and a dead fish, representing aquatic toxicity. |  A red diamond-shaped hazard pictogram containing a black silhouette of a liquid being poured from a test tube onto a hand and a surface, representing corrosive. |  A red diamond-shaped hazard pictogram containing a black silhouette of a human torso with a starburst on the chest, representing health hazard. |
| Aquatic Toxicity   | Corrosive  | Health Hazard   |

**Signal Words: Danger**

#### **Hazard Statements:**

H303 May be harmful if swallowed  
H317 May cause allergic skin react.  
H318: Causes serious eye damage.  
H335 May cause respiratory irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H411 Toxic to aquatic life with long lasting effects.

#### **Precautionary Statements:**

P202: Do not handle until all safety precautions have been read and understood.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264: Wash ... thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with soap and water.  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P308+313: IF exposed or concerned: Get medical advice/attention.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P337+313: If eye irritation persists get medical advice/attention.  
P362: Take off contaminated clothing and wash before reuse.  
P391: Collect spillage.  
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:**

##### **Hazard Symbols:**

Xi Irritant  
Xn Harmful  
C Corrosive  
N Dangerous for the environment.

##### **Risk Phrases:**

R22 Harmful if swallowed  
R 36/37/38 - Irritating to skin, respiration and eyes.  
R41 Risk of serious damage to eyes  
R51/53 = Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R61 May cause harm to the unborn child.



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Hazardous Component Identification: Bisphenol A

CAS Number: 80-05-7

EINECS EC Number: 201-245-8

Percentage: 30 to 60%

It is a blend of Bisphenol A with chelating agent and/or non-hazardous polymer. Composition/specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200

#### 4. FIRST-AID MEASURES

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

Eye Contact: Rinse immediately with plenty of water for 10 minutes at least. Contact a physician if symptoms persist.

Skin Contact: Wash thoroughly with soap and water; flush with plenty of water. Take off soiled clothes. Contact physician if symptoms persist.

Ingestion: Wash the mouth with water; seek medical advice immediately.

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

#### 5. FIRE-FIGHTING MEASURES

Extinguishing Media Recommended: CO<sub>2</sub>, foam, dry chemicals.

Extinguishing Procedures: Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use an individual protective equipment (waterproof boots, suitable protective clothing, safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind.

Environment Precautions: Keep away from drains, surface and groundwater and soil.

Method of Clean-up: Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Avoid open flames or other sources of ignition.

#### 7. HANDLING AND STORAGE

Precautions in handling: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene. Avoid contact with strong acids, alkali or oxidizing agents.

Storage Conditions: Store in cool, dry and ventilated area away from heat sources and protected from light in



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tightly closed original container. Keep air contact to a minimum.

Fire Protection: Keep away from ignition sources and naked flame.

## 8. EXPOSURE CONTROL

Respiratory Protection: Avoid to breath directly on the product. Apply local ventilations when appropriate.

Ventilation: Ensure good ventilation of the work station.

Hand Protection: Avoid skin contact. Use chemical resistant gloves as needed.

Eye Protection: Use safety glasses.

Work Hygienic Practices: Wash hands with soap and water after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Solid.

Odor: Not available.

Odor threshold: Not available.

pH: Not available.

Relative density: Not available.

Melting point/freezing point: Not available.

Initial boiling point and boiling range: Not available.

Flash point: Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Upper/lower flammability or explosive limits: Not available.

Vapor pressure: Not available.

Vapor density: Not available.

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Partition coefficient: n-octanol/water: Not available.

Solubility(ies): Not available.

Viscosity: Not available.

## 10. STABILITY AND REACTIVITY

Reactivity: Presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

## 11. TOXICOLOGICAL INFORMATION



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Based on the information on similar material it is expected to have following:

LD 50 ORAL/RAT (mg/Kg): > 2,000

LD 50 DERMAL/RABBIT (mg/Kg): > 5,000

Carcinogenicity: H361 Suspected of damaging fertility or the unborn child.

## 12. ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

Precautions: Prevent contamination of soil, ground and surface water.

Mobility: No information available.

Bioaccumulation/ Accumulation: No information available.

Results of PBT and vPvB assessment: No data available for assessment.

Bisphenol A has following details:

Toxicity to fish: flow-through test LC50 - Pimephales promelas (fathead minnow) - 4.6 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates: static test EC50 - Daphnia magna (Water flea) - 10.2 mg/l - 48 h

## 13. DISPOSAL CONSIDERATIONS

In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

## 14. TRANSPORT REGULATIONS

DOT USA: Not regulated as dangerous goods.

IATA:

UN number: 3077

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Bisphenol A)

Class: 9; Packing group: III

IMDG:

UN number: 3077

Class: 9 Packing group: III EMS-No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol A)

## 15. REGULATORY INFORMATION

USA:

SARA 302 Components: Not listed.

SARA 311/312 Hazardous chemical: Acute Health Hazard, Chronic Health Hazard

SARA 313 (TRI reporting): Bisphenol A, CAS-No. 80-05-7.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT), Listed substance: WARNING: This



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product contains a chemical known to the State of California to cause birth defects or other reproductive harm: Bisphenol A, CAS-No. 80-05-7

## 16. ADDITIONAL INFORMATION

**Prepared by AJK on 27 November 2019 - Printed on: 18 January 2020**

### Disclaimer:

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*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 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.*

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