



# STA-BIL Hi-Temp Starting Fluid - Aerosol

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : STA-BIL Hi-Temp Starting Fluid - Aerosol  
Synonym : 596503  
Part numbers : 22004

#### 1.2. Recommended use and restrictions on use

Recommended use : Read label before use.  
Restrictions on use : Use per the label directions

#### 1.3. Supplier

##### Manufacturer

Gold Eagle Co  
4400 S Kildare Ave  
Chicago, IL 60632-4372  
T 773-376-4400  
<https://www.goldeagle.com/>

#### 1.4. Emergency telephone number

Emergency number : INFOTrac: 1-800-535-5053

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|                            |      |  |
|----------------------------|------|--|
| Gases under pressure       | H280 | Contains gas under pressure; may explode if heated |
| Liquefied gas              |      |  |
| Skin corrosion/irritation  | H315 | Causes skin irritation                             |
| Category 2                 |      |  |
| Specific target organ      | H336 | May cause drowsiness or dizziness                  |
| toxicity (single exposure) |      |  |
| Category 3                 |      |  |

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H280 - Contains gas under pressure; may explode if heated  
H315 - Causes skin irritation  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS US) :

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - If on skin: Wash with plenty of water.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P410+P403 - Protect from sunlight. Store in a well-ventilated place.

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Contains gas under pressure; may explode if heated.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name    | Product identifier | %      | GHS US classification   |
|---------|--------------------|--------|---|
| Heptane | (CAS-No.) 142-82-5 | 0 – 65 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.  
Symptoms/effects after skin contact : Irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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### 6.3. Methods and material for containment and cleaning up

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Store in a well-ventilated place. Store locked up. Keep container tightly closed. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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No additional information available

#### Heptane (142-82-5)

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s):**



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Gas

Color : Colorless

Odor : Mixture contains one or more component(s) which have the following odour:

Odor threshold : No data available

pH : No data available

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|   |   |
|---|---|
| Melting point                                   | : No data available                           |
| Freezing point                                  | : No data available                           |
| Boiling point                                   | : -42 °F                                      |
| Flash point                                     | : -23 °F                                      |
| Relative evaporation rate (butyl acetate=1)     | : No data available                           |
| Flammability (solid, gas)                       | : No data available                           |
| Vapor pressure                                  | : 1.5 mm Hg (20 °C)                           |
| Relative vapor density at 20 °C                 | : No data available                           |
| Relative density                                | : No data available                           |
| Solubility                                      | : Very slightly soluble.<br>Water: 5 g/l      |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                           |
| Auto-ignition temperature                       | : No data available                           |
| Decomposition temperature                       | : No data available                           |
| Viscosity, kinematic                            | : 3 mm <sup>2</sup> /s                        |
| Viscosity, dynamic                              | : No data available                           |
| Explosion limits                                | : No data available                           |
| Explosive properties                            | : Pressurized container: may burst if heated. |
| Oxidizing properties                            | : No data available                           |

### 9.2. Other information

|             |        |
|-------------|--------|
| VOC content | : 93.3 |
|-------------|--------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Acute toxicity (oral)             | : Not classified                     |
| Acute toxicity (dermal)           | : Not classified                     |
| Acute toxicity (inhalation)       | : Not classified                     |
| Skin corrosion/irritation         | : Causes skin irritation.            |
| Serious eye damage/irritation     | : Not classified                     |
| Respiratory or skin sensitization | : Not classified                     |
| Germ cell mutagenicity            | : Not classified                     |
| Carcinogenicity                   | : Not classified                     |
| Reproductive toxicity             | : Not classified                     |
| STOT-single exposure              | : May cause drowsiness or dizziness. |

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### Heptane (142-82-5)

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| STOT-single exposure                | May cause drowsiness or dizziness.   |
| STOT-repeated exposure              | : Not classified                     |
| Aspiration hazard                   | : Not classified                     |
| Viscosity, kinematic                | : 3 mm <sup>2</sup> /s               |
| Symptoms/effects                    | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Irritation.                        |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|--|

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### Heptane (142-82-5)

|   |      |
|---|------|
| Partition coefficient n-octanol/water (Log Kow) | 4.66 |
|---|------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                          |                                       |
|--------------------------|---------------------------------------|
| Effect on global warming | : No known effects from this product. |
|--------------------------|---------------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

|                            |   |
|----------------------------|---|
| Proper Shipping Name (DOT) | : Consumer commodity<br>UN1950, Aerosols, 2.1, Ltd Qty  |
| Class (DOT)                | : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115  |
| Subsidiary risk (DOT)      | : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115, ORM-D - ORM-D – Other regulated materials for domestic transport only |
| Hazard labels (DOT)        | : LTD QTY - Limited quantity<br>2.1 - Flammable gas   |



|  |  |
|--|--|
| DOT Packaging Non Bulk (49 CFR 173.xxx)                          | : 156;306  |
| DOT Packaging Bulk (49 CFR 173.xxx)                              | : None   |
| DOT Symbols  | : D - Proper shipping name for domestic use only, or to and from Canada                    |
| DOT Special Provisions (49 CFR 172.102)                          | : 222 - Shipments offered for transportation by aircraft may not be reclassified as ORM-D. |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 156;306  |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 30 kg gross  |

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DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : Forbidden

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Other information : No supplementary information available.

### Transportation of Dangerous Goods

Not applicable

### Transport by sea

Transport document description (IMDG) : UN 1950 AEROSOLS (2.1)

UN-No. (IMDG) : 1950

Proper Shipping Name (IMDG) : AEROSOLS

Subsidiary risks (IMDG) : 2.1 - Flammable gases

Limited quantities (IMDG) : 1 L or 1 kg

### Air transport

Forbidden

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

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Full text of H-phrases:

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapor                  |
| H280 | Contains gas under pressure; may explode if heated |
| H304 | May be fatal if swallowed and enters airways       |
| H315 | Causes skin irritation                             |
| H336 | May cause drowsiness or dizziness                  |

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*