

# Safety Data Sheet

Issue Date: 01-April-2015

Revision Date: 02-Dec-2014

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Go Green Diesel Exhaust Fluid

### Other means of identification

**SDS #** CPD-019

### Recommended use of the chemical and restrictions on use

**Recommended Use** Diesel exhaust NOx reducing agent.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Champion Packaging & Distribution  
1840 International pkwy  
Woodridge, IL 60517

### Emergency Telephone Number

**Company Phone Number** 630-972-0100  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear liquid

**Physical State** Liquid

**Odor** Slight ammonia

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

## 4. FIRST-AID MEASURES

### First Aid Measures

#### **Eye Contact**

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.

#### **Skin Contact**

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If irritation persists, seek medical attention.

#### **Inhalation**

Move exposed person to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If irritation persists, seek medical attention.

#### **Ingestion**

Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If irritation persists, seek medical attention.

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Moderately irritating to eyes. Moderately irritating to the skin. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical**

In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous Combustion Products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).

**Protective equipment and precautions for firefighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                             |   |
|-----------------------------|---|
| <b>Personal Precautions</b> | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
|-----------------------------|---|

|                                  |   |
|----------------------------------|---|
| <b>Environmental Precautions</b> | 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). |
|----------------------------------|---|

**Methods and material for containment and cleaning up**

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. |
|--------------------------------|---|

|                             |   |
|-----------------------------|---|
| <b>Methods for Clean-Up</b> | Contain and collect spillage 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). |
|-----------------------------|---|

**7. HANDLING AND STORAGE**

**Precautions for safe handling****Advice on Safe Handling**

Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Store in accordance with the particular national regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled or mislabeled containers. Use appropriate containment to avoid environmental contamination.

**Incompatible Materials**

Acids. Oxidizers. Alkalis.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls****Engineering Controls**

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. Ensure that eyewash stations and safety showers are close to the workstation location.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts.

**Skin and Body Protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Respiratory Protection**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**General Hygiene Considerations**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                              |                             |                         |                |
|------------------------------|-----------------------------|-------------------------|----------------|
| <b>Physical State</b>        | Liquid                      | <b>Odor</b>             | Slight ammonia |
| <b>Appearance</b>            | Clear liquid                | <b>Odor Threshold</b>   | Not determined |
| <b>Color</b>                 | Colorless                   |                         |                |
| <b>Property</b>              | <b>Values</b>               | <b>Remarks • Method</b> |                |
| pH                           | 8.24                        |                         |                |
| Melting Point/Freezing Point | -12 °C / 10.4 °F            |                         |                |
| Boiling Point/Boiling Range  | 104 °C / 219.2 °F           |                         |                |
| Flash Point                  | Non-flammable               |                         |                |
| Evaporation Rate             | Not determined              |                         |                |
| Flammability (Solid, Gas)    | Liquid-Not applicable       |                         |                |
| Upper Flammability Limits    | Not determined              |                         |                |
| Lower Flammability Limit     | Not determined              |                         |                |
| Vapor Pressure               | Not determined              |                         |                |
| Vapor Density                | Not determined              |                         |                |
| Specific Gravity             | 1.087-1.093                 | @ 20°C (68°F)           |                |
| Water Solubility             | Not determined              |                         |                |
| Solubility in other solvents | Not determined              |                         |                |
| Partition Coefficient        | Not determined              |                         |                |
| Auto-ignition Temperature    | Not determined              |                         |                |
| Decomposition Temperature    | Not determined              |                         |                |
| Kinematic Viscosity          | Not determined              |                         |                |
| Dynamic Viscosity            | Not determined              |                         |                |
| Explosive Properties         | Not determined              |                         |                |
| Oxidizing Properties         | Not determined              |                         |                |
| Density                      | 9.1 lbs/USG-4.13 kg/ 3.785L |                         |                |

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Do not mix with any other chemical or product. Incompatible Materials.

**Incompatible Materials**

Acids. Oxidizers. Alkalis.

**Hazardous Decomposition Products**

Oxides of carbon. Oxides of nitrogen. Ammonia.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |                          |
|---------------------|--------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes. |
| <b>Skin Contact</b> | Avoid contact with skin. |

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

#### **Component Information**

| Chemical Name   | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|-----------------|----------------------|-------------|-----------------|
| Urea<br>57-13-6 | = 8471 mg/kg ( Rat ) | -           | -               |

#### **Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Chronic toxicity** Contains material that may cause target organ damage, based on animal data.

**Target organ effects** Skin, Eyes, Lens or cornea.

#### **Numerical measures of toxicity**

Not determined

## **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

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.

#### **Component Information**

| Chemical Name   | Algae/aquatic plants | Fish  | Toxicity to microorganisms | Crustacea  |
|-----------------|----------------------|---|----------------------------|--|
| Urea<br>57-13-6 |                      | 16200 - 18300: 96 h Poecilia reticulata mg/L LC50 |                            | 10000: 24 h Daphnia magna Straus mg/L EC50 3910: 48 h Daphnia magna mg/L EC50 Static |

#### **Persistence/Degradability**

Not determined.

#### **Bioaccumulation**

Not determined.

#### **Mobility**

| Chemical Name   | Partition Coefficient |
|-----------------|-----------------------|
| Urea<br>57-13-6 | -1.59                 |

#### **Other Adverse Effects**

Not determined

## **13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

All ingredients are listed or exempt from listing on Chemical Substance Inventory

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION****NFPA****Health Hazards**

1

**Flammability**

0

**Instability**

0

**Special Hazards**

Not determined

**HMIS****Health Hazards**

1

**Flammability**

0

**Physical Hazards**

0

**Personal Protection**

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Revision Note:

New format

**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.

**End of Safety Data Sheet**