# DIACEL® ATF Antifoam

Version 1.6 Revision Date 2016-06-06

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product information**

Product Name : DIACEL® ATF Antifoam
Material : 1110145, 1062023

**EC-No.Registration number**

| Chemical name | CAS-No.<br>EC-No.<br>Index No. | Legal Entity<br>Registration number |
|---|---|---|
| Propylene oxide | 75-56-9<br>200-879-2<br>603-055-00-4 | Chevron Phillips Chemicals International NV<br>01-2119480483-35-0052 |

**Company** : Chevron Phillips Chemical Company LP
10001 Six Pines Drive
The Woodlands, TX 77380

Local : Chevron Phillips Chemicals International N.V.
Airport Plaza (Stockholm Building)
Leonardo Da Vincilaan 19
1831 Diegem
Belgium

SDS Requests: (800) 852-5530
Technical Information: (832) 813-4862
Responsible Party: Product Safety Group
Email:sds@cpchem.com

**Emergency telephone:**

**Health**:
866.442.9628 (North America)
1.832.813.4984 (International)
**Transport**:
CHEMTREC 800.424.9300 or 703.527.3887(int'l)
Asia: +800 CHEMCALL (+800 2436 2255) China:+86-21-22157316
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Responsible Department : Product Safety and Toxicology Group

| | | |
|---|---|---|
| E-mail address | : | SDS@CPChem.com |
| Website | : | www.CPChem.com |

## SECTION 2: Hazards identification

**Classification of the substance or mixture**
**REGULATION (EC) No 1272/2008**

Not a hazardous substance or mixture.

**Label elements**

**Labeling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

## SECTION 3: Composition/information on ingredients

| | | |
|---|---|---|
| Synonyms | : | None established |
| Molecular formula | : | (C3H6O)nH2O |

Contains no hazardous ingredients according to GHS. :

Remarks : Contains no hazardous ingredients according to GHS.

## SECTION 4: First aid measures

| | | |
|---|---|---|
| General advice | : | No hazards which require special first aid measures. |
| If inhaled | : | If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician. |
| In case of skin contact | : | If on skin, rinse well with water. If on clothes, remove clothes. |
| In case of eye contact | : | Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. |
| If swallowed | : | Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. |

## SECTION 5: Firefighting measures

| | | |
|---|---|---|
| Flash point | : | 185 °C (365 °F) |
| Autoignition temperature | : | No data available |
| Special protective | : | Wear self-contained breathing apparatus for firefighting if |

| | | |
|---|---|---|
| equipment for fire-fighters | | necessary. |
| Further information | : | Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Fire and explosion protection | : | Normal measures for preventive fire protection. |
| Hazardous decomposition products | : | Carbon oxides. |

## SECTION 6: Accidental release measures

| | | |
|---|---|---|
| Environmental precautions | : | If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods for cleaning up | : | Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. |

## SECTION 7: Handling and storage

**Handling**

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid inhalation of vapor or mist. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. |
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |

**Storage**

| | | |
|---|---|---|
| Requirements for storage areas and containers | : | Electrical installations / working materials must comply with the technological safety standards. |
| Advice on common storage | : | No materials to be especially mentioned. |

## SECTION 8: Exposure controls/personal protection

**Engineering measures**

Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

**Personal protective equipment**

| | | |
|---|---|---|
| Respiratory protection | : | Wear a supplied-air NIOSH approved respirator unless |

| | | |
|---|---|---|
| | | ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. |
| Hand protection | : | The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. |
| Eye protection | : | Eye wash bottle with pure water. Tightly fitting safety goggles. |
| Skin and body protection | : | Wear as appropriate:. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Lightweight protective clothing. |
| Hygiene measures | : | General industrial hygiene practice. |

## SECTION 9: Physical and chemical properties

**Information on basic physical and chemical properties**

**Appearance**

| | | |
|---|---|---|
| Form | : | Liquid |
| Physical state | : | Liquid |
| Color | : | Clear to light amber |
| Odor | : | Slight |

**Safety data**

| | | |
|---|---|---|
| Flash point | : | 185 °C (365 °F) |
| Lower explosion limit | : | No data available |
| Upper explosion limit | : | No data available |
| Oxidizing properties | : | no |
| Autoignition temperature | : | No data available |
| Thermal decomposition | : | No data available |
| Molecular formula | : | (C3H6O)nH2O |
| Molecular weight | : | Not applicable |
| pH | : | Not applicable |
| Pour point | : | No data available |
| Boiling point/boiling range | : | No data available |
| Vapor pressure | : | Not applicable |

| | | |
|---|---|---|
| Relative density | : | 1<br>at 25 °C (77 °F) |
| Water solubility | : | Partly soluble |
| Partition coefficient: n-octanol/water | : | No data available |
| Viscosity, kinematic | : | No data available |
| Relative vapor density | : | No data available |
| Evaporation rate | : | No data available |
| Percent volatile | : | < 0,1 % |

## SECTION 10: Stability and reactivity

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

**Possibility of hazardous reactions**

| | | |
|---|---|---|
| Conditions to avoid | : | High Temperatures. |
| Materials to avoid | : | May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc. |
| Thermal decomposition | : | No data available |
| Hazardous decomposition products | : | Carbon oxides |
| Other data | : | No decomposition if stored and applied as directed. |

## SECTION 11: Toxicological information

**DIACEL® ATF Antifoam**
**Acute oral toxicity** : LD50: > 2.000 mg/kg
Species: Rat
Method: OECD Test Guideline 401

**DIACEL® ATF Antifoam**
**Acute dermal toxicity** : LD50: > 3.000 mg/kg
Species: Rabbit
Method: OECD Test Guideline 402

**DIACEL® ATF Antifoam**
**Skin irritation** : No skin irritation

**DIACEL® ATF Antifoam**
**Sensitization** : Did not cause sensitization on laboratory animals.

## SECTION 12: Ecological information

**Ecotoxicity effects**

**Toxicity to fish** : LC50: > 100 mg/l
Exposure time: 96 h
Species: Danio rerio (Zebra Fish)
static test Method: OECD Test Guideline 203

**Toxicity to daphnia and other aquatic invertebrates** : > 100 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
static test Method: OECD Test Guideline 202

**Toxicity to algae** : EC50: > 100 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae)
static test Method: OECD Test Guideline 201

Elimination information (persistence and degradability)

Biodegradability : aerobic
Result: Readily biodegradable.
86,6 %
Testing period: 28 d
Method: OECD Test Guideline 301F

## 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.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 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**

## SECTION 15: Regulatory information

**National legislation**

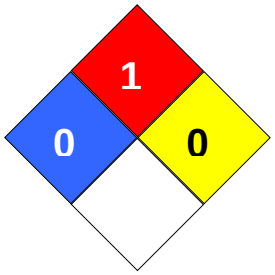
| | | |
|---|---|---|
| **Major Accident Hazard Legislation** | : | 96/82/EC Update: 2003<br>Directive 96/82/EC does not apply |
| **Water contaminating class (Germany)** | : | WGK 1 slightly water endangering<br>Classifications, planned by the commission, but not yet included in the VwVwS are classified as "KBwS-Beschluss" In the KBwS-Beschluss a new chemical name is proposed: "Kondensationsprodukte von mehrwertigen aliphatischen Alkoholen oder Kohlehydraten oder 1,2-Ethylendiamin oder Triehtanolamin mit Ethylenoxid und/oder Propylenoxid" |

**Notification status**

| | | |
|---|---|---|
| Europe REACH | : | On the inventory, or in compliance with the inventory |
| United States of America TSCA | : | On 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 | : | On the inventory, or in compliance with the inventory<br>Notification number: HSR003037 |
| Japan ENCS | : | On the inventory, or 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 |

## SECTION 16: Other information

**NFPA Classification** : Health Hazard: 0
Fire Hazard: 1
Reactivity Hazard: 0




**Further information**

Legacy SDS Number : 711360

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

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

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.

| Key or legend to abbreviations and acronyms used in the safety data sheet | | | |
|---|---|---|---|
| ACGIH | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% |
| AICS | Australia, Inventory of Chemical Substances | LOAEL | Lowest Observed Adverse Effect Level |
| DSL | Canada, Domestic Substances List | NFPA | National Fire Protection Agency |
| NDSL | Canada, Non-Domestic Substances List | NIOSH | National Institute for Occupational Safety & Health |
| CNS | Central Nervous System | NTP | National Toxicology Program |
| CAS | Chemical Abstract Service | NZIoC | New Zealand Inventory of Chemicals |
| EC50 | Effective Concentration | NOAEL | No Observable Adverse Effect Level |

| | | | |
|---|---|---|---|
| EC50 | Effective Concentration 50% | NOEC | No Observed Effect Concentration |
| EGEST | EOSCA Generic Exposure Scenario Tool | OSHA | Occupational Safety & Health Administration |
| EOSCA | European Oilfield Specialty Chemicals Association | PEL | Permissible Exposure Limit |
| EINECS | European Inventory of Existing Chemical Substances | PICCS | Philippines Inventory of Commercial Chemical Substances |
| MAK | Germany Maximum Concentration Values | PRNT | Presumed Not Toxic |
| GHS | Globally Harmonized System | RCRA | Resource Conservation Recovery Act |
| >= | Greater Than or Equal To | STEL | Short-term Exposure Limit |
| IC50 | Inhibition Concentration 50% | SARA | Superfund Amendments and Reauthorization Act. |
| IARC | International Agency for Research on Cancer | TLV | Threshold Limit Value |
| IECSC | Inventory of Existing Chemical Substances in China | TWA | Time Weighted Average |
| ENCS | Japan, Inventory of Existing and New Chemical Substances | TSCA | Toxic Substance Control Act |
| KECI | Korea, Existing Chemical Inventory | UVCB | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| <= | Less Than or Equal To | WHMIS | Workplace Hazardous Materials Information System |
| LC50 | Lethal Concentration 50% | | |