

**Diacel® ASA 100 Polymer**

Version 1.9

Revision Date 2023-12-20

According to Regulation (EC) No. 1907/2006, Regulation (EC) No. 2020/878

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Product information**

Product Name : Diacel® ASA 100 Polymer  
Material : 1105611

**1.3****Details of the supplier of the safety data sheet**

**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  
Responsible Party: Product Safety Group  
Email:sds@cpchem.com

**1.4****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: CHEMWATCH (+612 9186 1132) China: 0532 8388 9090  
Mexico CHEMTREC 01-800-681-9531 (24 hours)  
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600  
Argentina: +(54)-1159839431  
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
Austria: VIZ +43 1 406 43 43 (24 hours/day, 7 days/week)  
Belgium: 070 245 245 (24 hours/day, 7 days/week)  
Bulgaria: +359 2 9154 233  
Croatia: +3851 2348 342 (24 hours/day, 7 days/week)

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Cyprus: 1401  
 Czech Republic: Toxicological Information Center +420 224 919 293, +420 224 915 402  
 Denmark: Danish Poison Center (Gifflinjen): +45 8212 1212  
 Estonia: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Finland: 0800 147 111 09 471 977 (24 hours/day)  
 France: ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week)  
 Germany: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Greece: (0030) 2107793777 (24 hours/day, 7 days/week)  
 Hungary: +36-80-201-199 (24 hours/day, 7 days/week)  
 Iceland: 543 2222 (24 hours/day, 7 days/week)  
 Ireland: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Italy: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Latvia: State Fire and Rescue Service, phone number: 112; Toxicology and Sepsis Clinic  
 Poisoning and Drug Information Center, Hipokrāta 2, Riga, Latvia, LV-1038, phone number +371  
 67042473. (24 hours.)  
 Liechtenstein: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Lithuania: +370 (85) 2362052  
 Luxembourg: (+352) 8002 5500 (24 hours/day, 7 days/week)  
 Malta: +356 2395 2000  
 The Netherlands: NVIC: +31 (0)88 755 8000  
 Norway: 22 59 13 00 (24 hours/day, 7 days/week)  
 Poland: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
 Portugal: CIAV phone number: +351 800 250 250  
 Romania: +40213183606  
 Slovakia: +421 2 5477 4166  
 Slovenia: Phone number: 112  
 Spain: National Emergency Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24  
 hours/day, 7 days/week)  
 Sweden: 112 – ask for Poisons Information

Responsible Department : Product Safety and Toxicology Group  
 E-mail address : SDS@CPChem.com  
 Website : www.CPChem.com

**SECTION 2: Hazards identification****2.1**

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

Not a hazardous substance or mixture.

**2.2**

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

Not a hazardous substance or mixture.

**2.3**

**Other hazards**

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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**SECTION 3: Composition/information on ingredients****3.1 - 3.2****Substance or Mixture**

Synonyms : Not Established

Contains no hazardous ingredients according to GHS. :

Remarks : Contains no hazardous ingredients according to GHS.

**SECTION 4: First aid measures****4.1****Description of 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 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.

**4.2 Most important symptoms and effects, both acute and delayed****4.3 Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures**

Flash point : Not applicable

Autoignition temperature : Not applicable

**5.1****Extinguishing media****5.3****Advice for firefighters**

- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if 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 : Provide appropriate exhaust ventilation at places where dust is formed.

**SECTION 6: Accidental release measures****6.1****Personal precautions, protective equipment and emergency procedures**

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6.2 Personal precautions : Avoid dust formation.

**Environmental precautions**

6.3

**Methods and materials for containment and cleaning up**

Methods for cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4

**Reference to other sections****SECTION 7: Handling and storage**

7.1

**Precautions for safe handling  
Handling**

Advice on safe handling : For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient.

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.

7.2

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

8.2

**Exposure controls  
Engineering measures**

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. 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 : If ventilation or other engineering controls are not adequate to maintain minimal oxygen content of 19.5% by volume under

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normal atmospheric pressure, a supplied-air NIOSH approved respirator may be appropriate. If exposure to harmful levels of airborne material may occur, a NIOSH approved respirator that provides protection may be appropriate, such as: Air-Purifying Respirator for Dusts and Mists / P100. A positive pressure, air-supplying respirator may be appropriate if there is potential for uncontrolled release, aerosolization, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

- 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. Safety glasses.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate: Protective suit. Safety shoes.
- Hygiene measures : When using do not eat, drink or smoke. When using do not smoke. Wash hands before breaks and at the end of workday.

**SECTION 9: Physical and chemical properties****9.1****Information on basic physical and chemical properties****Appearance**

- Form : Powder
- Physical state : solid
- Color : tan
- Odor : earthy
- Odor Threshold : No data available

**Safety data**

- Flash point : Not applicable
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Flammability (solid, gas) : May form combustible dust concentrations in air.
- Oxidizing properties : No
- Autoignition temperature : Not applicable
- Molecular weight : Not applicable

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|  |   |                    |
|--|---|--------------------|
| pH                                     | : | 7 - 9              |
| Pour point                             | : | Not applicable     |
| Boiling point/boiling range            | : | Not applicable     |
| Vapor pressure                         | : | Not applicable     |
| Relative density                       | : | 1,45               |
| Water solubility                       | : | completely soluble |
| Partition coefficient: n-octanol/water | : | Not applicable     |
| Viscosity, kinematic                   | : | No data available  |
| Relative vapor density                 | : | Not applicable     |
| Evaporation rate                       | : | Not applicable     |

**SECTION 10: Stability and reactivity****10.2**

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

**10.3****Possibility of hazardous reactions**

**Hazardous reactions** : Further information: Stable under recommended storage conditions., No hazards to be specially mentioned.

**10.4**

**Conditions to avoid** : Generation of Dusts.

**10.6**

**Other data** : No decomposition if stored and applied as directed.

**SECTION 11: Toxicological information****11.1****Information on toxicological effects****11.2****Information on other hazards**

Endocrine disrupting properties :

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**SECTION 12: Ecological information****12.1  
Toxicity****12.2  
Persistence and degradability****12.3  
Bioaccumulative potential****12.4  
Mobility in soil****12.5  
Results of PBT and vPvB assessment**

Results of PBT assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6  
Endocrine disrupting properties**

Endocrine disrupting properties :

**12.7  
Other adverse effects**

Additional ecological information : This material is not expected to be harmful to aquatic organisms.

**12.8  
Additional Information****Ecotoxicology Assessment****SECTION 13: Disposal considerations****13.1  
Waste treatment methods**

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****14.1 - 14.7****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).

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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.

**Maritime transport in bulk according to IMO instruments**

**SECTION 15: Regulatory information****15.1****Safety, health and environmental regulations/legislation specific for the substance or mixture  
National legislation**

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**15.2**

**Major Accident Hazard** : ZEU\_SEVES3 Update:



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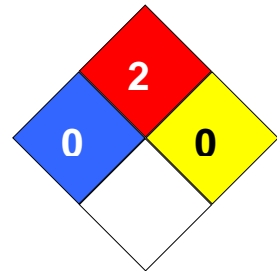
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**Legislation** Not applicable**Notification status**

|                                     |   |  |
|-------------------------------------|---|--|
| Europe REACH                        | : | On the inventory, or in compliance with the inventory  |
| Switzerland CH INV                  | : | On the inventory, or in compliance with the inventory  |
| United States of America (USA) TSCA | : | On or in compliance with the active portion of the TSCA inventory  |
| Canada DSL                          | : | All components of this product are on the Canadian DSL   |
| Other AICS                          | : | On the inventory, or in compliance with the inventory  |
| New Zealand NZIoC                   | : | This substance may be used as a component in a product covered by a group standard but it is not approved for use as a chemical in its own right   |
| Japan ENCS                          | : | On the inventory, or in compliance with the inventory  |
| Korea KECI                          | : | A substance(s) in this product was not registered, notified to be registered, or exempted from registration by CPChem according to K-REACH regulations. Importation or manufacture of this product is still permitted provided the Korean Importer of Record has themselves notified the substance or the exported amount does not exceed the minimum threshold quantity of the non-registered substance(s). |
| Philippines PICCS                   | : | On the inventory, or in compliance with the inventory  |
| China IECSC                         | : | On the inventory, or in compliance with the inventory  |
| Taiwan TCSI                         | : | Not in compliance with the inventory   |

**SECTION 16: Other information**

**NFPA Classification** : Health Hazard: 0  
Fire Hazard: 2  
Reactivity Hazard: 0

**Further information**

Legacy SDS Number : CPC00574

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.

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| Key or legend to abbreviations and acronyms used in the safety data sheet |  |       |  |
|---|--|-------|--|
| ACGIH   | American Conference of Government Industrial Hygienists  | LD50  | Lethal Dose 50%  |
| AIIC  | Australian Inventory of Industrial Chemicals             | 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%                                 | ATE   | Acute toxicity estimate  |