

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

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

1.1 Product identifier

Trade name	: Shell Poly Alpha Olefin 6
Product code	: X1750
Synonyms	: SPECTRASYN 6
CAS-No.	: 68037-01-4

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- stance/Mixture	: Chemical intermediate.
Uses advised against	: This product must not be used in applications other than the above without first seeking the advice of the supplier.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier	: Shell Chemicals Europe B.V. PO Box 2334 3000 CH Rotterdam Netherlands
Telephone	: +31 (0)10 441 5137 / +31 (0)10 441 5191
Telefax	: +31 (0)20 716 8316 / +31 (0)20 713 9230
Contact for Safety Data Sheet	: sccmsds@shell.com

1.4 Emergency telephone number

SHELL +44 (0) 1235 239 670 (This telephone number is available 24 hours per day, 7 days per week)
Poison Centers (CAV) eligible for access to information for health emergency response:
CAV Osp. Bambin Gesù Roma 06 68593726; CAV Policlinico "Umberto I" Roma 06-49978000;
CAV Policlinico "A. Gemelli" Roma 06 3054343; CAV Milano 02 66101029; CAV Bergamo 800883300;
CAV Pavia 0382 24444; CAV Verona 800011858; CAV Firenze 055 7947819; CAV Napoli 081 5453333;
CAV Foggia 800183459.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Supplemental Hazard Statements	EUH066: Repeated exposure may cause skin dry- ness or cracking.
--------------------------------	--

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms : No Hazard Symbol required
Signal word : No signal word

Hazard statements :
PHYSICAL HAZARDS:
Not classified as a physical hazard according to CLP criteria.
HEALTH HAZARDS:
Not classified as a health hazard under CLP criteria.
ENVIRONMENTAL HAZARDS:
Not classified as environmental hazard according to CLP criteria.

Supplemental Hazard Statements : EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements : **Prevention:**
No precautionary phrases.
Response:
No precautionary phrases.
Storage:
No precautionary phrases.
Disposal:
No precautionary phrases.

2.3 Other hazards

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Not classified as flammable but will burn.

SECTION 3: Composition/information on ingredients

3.1 Substances

Components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)
Polyalphaolefin	68037-01-4 500-183-1	100

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

SECTION 4: First aid measures

4.1 Description of first aid measures

- | | | |
|----------------------------|---|--|
| General advice | : | Not expected to be a health hazard when used under normal conditions. |
| Protection of first-aiders | : | When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings. |
| If inhaled | : | No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice. |
| In case of skin contact | : | Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. |
| In case of eye contact | : | Flush eye with copious quantities of water. Remove contact lenses, if present and easy to do. Continue rinsing. If persistent irritation occurs, obtain medical attention. |
| If swallowed | : | In general no treatment is necessary unless large quantities are swallowed, however, get medical advice. |

4.2 Most important symptoms and effects, both acute and delayed

- | | | |
|----------|---|--|
| Symptoms | : | Not considered to be an inhalation hazard under normal conditions of use.
Possible respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance.

No specific hazards under normal use conditions.
Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.

No specific hazards under normal use conditions.
Ingestion may result in nausea, vomiting and/or diarrhoea. |
|----------|---|--|

4.3 Indication of any immediate medical attention and special treatment needed

- | | | |
|-----------|---|---|
| Treatment | : | Call a doctor or poison control center for guidance. Treat symptomatically. |
|-----------|---|---|

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media : Do not use water in a jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Carbon monoxide may be evolved if incomplete combustion occurs.
Will float and can be reignited on surface water.
The vapour is heavier than air, spreads along the ground and distant ignition is possible.

5.3 Advice for firefighters

Special protective equipment for firefighters : Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. Europe: EN469).

Specific extinguishing methods : Standard procedure for chemical fires.

Further information : Clear fire area of all non-emergency personnel.
Keep adjacent containers cool by spraying with water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Observe all relevant local and international regulations.
Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.
Local authorities should be advised if significant spillages cannot be contained.
6.1.1 For non emergency personnel:
Avoid contact with skin, eyes and clothing.
Be ready for fire or possible exposure.
Stay upwind and out of low areas.
Do not operate electrical equipment.
If contamination of site occurs remediation may require specialist advice.
Keep animals off contaminated vegetation.
Avoid contact with skin, eyes and clothing.
Be ready for fire or possible exposure.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

Stay upwind and out of low areas.
Do not operate electrical equipment.
If contamination of site occurs remediation may require specialist advice.
Keep animals off contaminated vegetation.

6.2 Environmental precautions

Environmental precautions : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.
Use appropriate containment to avoid environmental contamination.
Ventilate contaminated area thoroughly.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.
For small liquid spills (< 1 drum), transfer by mechanical means to a labeled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.

6.4 Reference to other sections

For guidance on selection of personal protective equipment see Section 8 of this Safety Data Sheet.,
For guidance on disposal of spilled material see Section 13 of this Safety Data Sheet.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures : Avoid breathing of or direct contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Section 8 of this Safety Data Sheet.
Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
Ensure that all local regulations regarding handling and storage facilities are followed.

Advice on safe handling : Avoid contact with the skin.
Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire.
Ensure electrical continuity by bonding and grounding (earthing) all equipment. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge (≤ 10

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

m/sec). Avoid splash filling. Do NOT use compressed air for filling, discharging, or handling operations.
The vapour is heavier than air, spreads along the ground and distant ignition is possible.
Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks.
Handle and open container with care in a well-ventilated area. Do NOT use compressed air for filling, discharging, or handling operations.

- | | | |
|------------------|---|--|
| Product Transfer | : | Keep containers closed when not in use. Refer to guidance under Handling section. |
| Hygiene measures | : | Wash hands before eating, drinking, smoking and using the toilet. Launder contaminated clothing before re-use. |

7.2 Conditions for safe storage, including any incompatibilities

- | | | |
|---|---|--|
| Requirements for storage areas and containers | : | Refer to section 15 for any additional specific legislation covering the packaging and storage of this product. |
| Further information on storage stability | : | Bulk storage tanks should be diked (bunded).
Keep away from aerosols, flammables, oxidizing agents, corrosives and from products harmful or toxic to man or to the environment.
Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat.
Nitrogen blanket recommended. |
| Packaging material | : | Suitable material: For containers, or container linings use mild steel, stainless steel.
Unsuitable material: Copper., Copper alloys. |
| Container Advice | : | Containers, even those that have been emptied, can contain explosive vapours. Do not cut, drill, grind, weld or perform similar operations on or near containers. |

7.3 Specific end use(s)

- | | | |
|-----------------|---|---|
| Specific use(s) | : | Please refer to section 16 and/or the annexes for the registered uses under REACH.
Not applicable. |
|-----------------|---|---|
- Ensure that all local regulations regarding handling and storage facilities are followed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Biological occupational exposure limits

No biological limit allocated.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Remarks:	No DNEL value has been established.
----------	-------------------------------------

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Remarks:	Substance is a hydrocarbon with a complex, unknown or variable composition. Conventional methods of deriving PNECs are not appropriate and it is not possible to identify a single representative PNEC for such substances.	

8.2 Exposure controls

Engineering measures

Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

Adequate ventilation to control airborne concentrations.

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include:

General Information:

Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Define procedures for safe handling and maintenance of controls.

Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective equipment, local exhaust ventilation.

Drain down system prior to equipment break-in or maintenance.

Retain drain downs in sealed storage pending disposal or subsequent recycle.

Personal protective equipment

The provided information is made in consideration of the PPE directive (Council Directive 89/686/EEC) and the CEN European Committee for Standardisation (CEN) standards.

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Eye protection : If material is handled such that it could be splashed into eyes, protective eyewear is recommended.
Approved to EU Standard EN166.

Hand protection

Remarks : Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection. Longer term protection: Nitrile rubber. Incidental contact/Splash protection: PVC, neoprene or nitrile rubber gloves For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

gloves can be identified. For short-term/splash protection we recommend the same but recognize that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time maybe acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Glove thickness should be typically greater than 0.35 mm depending on the glove make and model. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.

Skin and body protection	:	Skin protection is not ordinarily required beyond standard work clothes. It is good practice to wear chemical resistant gloves.
Respiratory protection	:	No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	Liquid at room temperature.
Colour	:	Clear colourless
Odour	:	odourless
Odour Threshold	:	Data not available
Melting / freezing point	:	Data not available
Boiling point/boiling range	:	> 235 °C
Flammability		
Flammability (liquids)	:	Does not sustain combustion.
Lower explosion limit and upper explosion limit / flammability limit		
Upper explosion limit / upper flammability limit	:	Not applicable

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version 1.3	Revision Date: 24.08.2023	SDS Number: 800001001084	Date of last issue: 17.08.2023 Print Date 31.08.2023
----------------	------------------------------	-----------------------------	---

Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	218 °C Method: IP 34
Auto-ignition temperature	:	343 °C
Decomposition temperature Decomposition temperature	:	Data not available
pH	:	Data not available
Viscosity Viscosity, dynamic	:	Data not available
Viscosity, kinematic	:	30,5 mm ² /s (40 °C) Method: ASTM D445
Solubility(ies) Water solubility	:	negligible
Partition coefficient: n- octanol/water	:	Data not available
Vapour pressure	:	< 0,1 hPa (20 °C)
Relative density	:	0,826 (15 °C) Method: ASTM D4052
Density	:	826 kg/m ³ (15 °C) Method: ASTM D4052
Relative vapour density	:	Data not available
Particle characteristics Particle size	:	Data not available

9.2 Other information

Explosives	:	Not applicable
Oxidizing properties	:	Data not available
Flammability (liquids)	:	Does not sustain combustion.
Evaporation rate	:	Data not available
Conductivity	:	Low conductivity: < 100 pS/m

The conductivity of this material makes it a static accumula-

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

tor., A liquid is typically considered nonconductive if its conductivity is below 100 pS/m and is considered semi-conductive if its conductivity is below 10,000 pS/m., Whether a liquid is nonconductive or semi-conductive, the precautions are the same., A number of factors, for example liquid temperature, presence of contaminants, and anti-static additives can greatly influence the conductivity of a liquid

Surface tension : Data not available

Molecular weight : Data not available

SECTION 10: Stability and reactivity

10.1 Reactivity

The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.

10.2 Chemical stability

No hazardous reaction is expected when handled and stored according to provisions

10.3 Possibility of hazardous reactions

Hazardous reactions : Avoid contact with strong Lewis or mineral acids. Should be reacted with halogens only under controlled conditions. Free radical initiators should be avoided.

10.4 Conditions to avoid

Conditions to avoid : Avoid heat, sparks, open flames and other ignition sources. Avoid exposure to air.

10.5 Incompatible materials

Materials to avoid : Strong oxidising agents.

10.6 Hazardous decomposition products

Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide, sulphur oxides and unidentified organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure : Exposure may occur via inhalation, ingestion, skin absorption, skin or eye contact, and accidental ingestion.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version 1.3	Revision Date: 24.08.2023	SDS Number: 800001001084	Date of last issue: 17.08.2023 Print Date 31.08.2023
----------------	------------------------------	-----------------------------	---

Acute toxicity

Components:

Polyalphaolefin:

Acute oral toxicity	:	LD50 (Rat): > 5000 mg/kg Remarks: Low toxicity
Acute inhalation toxicity	:	Remarks: Low toxicity by inhalation.
Acute dermal toxicity	:	LD50 (Rabbit): > 2000 mg/kg Remarks: Low toxicity Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Components:

Polyalphaolefin:

Remarks	:	Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis. Not irritating to skin.
---------	---	---

Serious eye damage/eye irritation

Components:

Polyalphaolefin:

Remarks	:	Slightly irritating to the eye. Insufficient to classify.
---------	---	--

Respiratory or skin sensitisation

Components:

Polyalphaolefin:

Remarks	:	Not a sensitiser. Based on available data, the classification criteria are not met.
---------	---	--

Germ cell mutagenicity

Components:

Polyalphaolefin:

Genotoxicity in vivo	:	Remarks: Non mutagenic
Germ cell mutagenicity- Assessment	:	This product does not meet the criteria for classification in categories 1A/1B.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version 1.3 Revision Date: 24.08.2023 SDS Number: 800001001084 Date of last issue: 17.08.2023
Print Date 31.08.2023

Carcinogenicity

Components:

Polyalphaolefin:

Remarks : Not a carcinogen.
Based on available data, the classification criteria are not met.

Carcinogenicity - Assessment : This product does not meet the criteria for classification in categories 1A/1B.

Material	GHS/CLP Carcinogenicity Classification
Polyalphaolefin	No carcinogenicity classification.

Reproductive toxicity

Components:

Polyalphaolefin:

Effects on fertility :
Remarks: Does not impair fertility., Not a developmental toxicant., Based on available data, the classification criteria are not met.

Reproductive toxicity - Assessment : This product does not meet the criteria for classification in categories 1A/1B.

STOT - single exposure

Components:

Polyalphaolefin:

Remarks : Based on available data, the classification criteria are not met.

STOT - repeated exposure

Components:

Polyalphaolefin:

Remarks : Based on available data, the classification criteria are not met.

Aspiration toxicity

Components:

Polyalphaolefin:

Not an aspiration hazard., Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).

Components:

Polyalphaolefin:

Remarks : Classifications by other authorities under varying regulatory frameworks may exist.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Polyalphaolefin:

Toxicity to fish : Remarks: Not toxic at limit of water solubility:

Toxicity to daphnia and other aquatic invertebrates : Remarks: Not toxic at limit of water solubility:

Toxicity to algae/aquatic plants : Remarks: Not toxic at limit of water solubility:

Toxicity to microorganisms :
Remarks: Not toxic at limit of water solubility:

Toxicity to fish (Chronic toxicity) : Remarks: Data not available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: NOEC/NOEL > 100 mg/l

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

12.2 Persistence and degradability

Components:

Polyalphaolefin:

Biodegradability : Remarks: Not readily biodegradable.

12.3 Bioaccumulative potential

Components:

Polyalphaolefin:

Bioaccumulation : Remarks: Has the potential to bioaccumulate.

12.4 Mobility in soil

Components:

Polyalphaolefin:

Mobility : Remarks: Floats on water., If it enters soil, it will adsorb to soil particles and will not be mobile.

12.5 Results of PBT and vPvB assessment

Components:

Polyalphaolefin:

Assessment : The substance does not fulfill all screening criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB..

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).

Components:

Polyalphaolefin:

Additional ecological information : Does not have ozone depletion potential.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- | | |
|------------------------------|--|
| Product | : Recover or recycle if possible.
It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

Do not dispose into the environment, in drains or in water courses.
Waste product should not be allowed to contaminate soil or water.

Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Local regulations may be more stringent than regional or national requirements and must be complied with. |
| Contaminated packaging | : Drain container thoroughly.
After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.
Send to drum recoverer or metal reclaimer. |
| Local legislation
Remarks | : For the disposal of waste arising from the product, including empty containers not cleared, follow the Legislative Decree 152/06 and subsequent amendments. |

SECTION 14: Transport information

14.1 UN number or ID number

- | | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

14.2 UN proper shipping name

- | | |
|------|-------------------------------------|
| ADN | : Not regulated as a dangerous good |
| ADR | : Not regulated as a dangerous good |
| RID | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

IATA	:	Not regulated as a dangerous good
------	---	-----------------------------------

14.3 Transport hazard class(es)

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

14.4 Packing group

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

14.5 Environmental hazards

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good

14.6 Special precautions for user

Remarks	:	Special Precautions: Refer to Section 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.
---------	---	--

14.7 Maritime transport in bulk according to IMO instruments

Pollution category	:	Data not available
Ship type	:	Data not available
Product name	:	Data not available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations:

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Safeguard of health and safety in the workplaces refer to D.Lgs.81/2008 and subsequent amendments.

For waste disposal refer to D.Lgs.152/2006 and subsequent amendments.

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

The components of this product are reported in the following inventories:

AIIC	: Listed
DSL	: Listed
IECSC	: Listed
ENCS	: Listed
KECI	: Listed
NZIoC	: Listed
PICCS	: Listed
TSCA	: Listed
TCSI	: Listed

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-

SAFETY DATA SHEET

According to EC No 1907/2006 as amended as at the date of this SDS

Shell Poly Alpha Olefin 6

Version	Revision Date:	SDS Number:	Date of last issue: 17.08.2023
1.3	24.08.2023	800001001084	Print Date 31.08.2023

stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

- Training advice : Provide adequate information, instruction and training for operators.
- Other information : A vertical bar (|) in the left margin indicates an amendment from the previous version.
- Sources of key data used to compile the Safety Data Sheet : The quoted data are from, but not limited to, one or more sources of information (e.g. toxicological data from Shell Health Services, material suppliers' data, CONCAWE, EU IUCLID data base, EC 1272 regulation, etc).

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.

IT / EN