

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: SNOWPOWER 4T 0W40 Product code: 58600northamerica

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

4-stroke engine lubricant

1.3. Details of the supplier of the safety data sheet

Registered company name: MOTUL.

Address: 119 BOULEVARD FELIX FAURE.93300.AUBERVILLIERS CEDEX.FRANCE.

Telephone: +33 (0)1.48.11.70.00. Fax: +33 (0)1.48.33.28.79.

Email: motul_hse@motul.fr

1.4. Emergency telephone number: +44 (0) 1235 239 670.

Association/Organisation:.



Other emergency numbers

BRAZIL: +55 11 3197 5891 / COLOMBIA: +57 1 508 7337 / ARGENTINA: +54 11 5984 3690 / CHILE: +562 2582 9336

Ireland: +353 1 8092566

UNITED STATES: 001 866 928 0789 / CANADA: 001 800 579 7421 / MEXICO : +52 55 5004 8763 / MIDDLE EAST - AFRICA : +44 1235

239671

24 hours a day, 7 days a week

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

HCS compliant.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

2.2. Label elements

HCS compliant.

No labelling requirements for this mixture.

2.3. Other hazards

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures



Composition:

Identification	HCS	Nota	%
CAS: 157707-86-3	GHS08		25 <= x % < 50
EC: 500-393-3	Dgr		
REACH: 01-2119493949-12-0000	Asp. Tox. 1, H304		
DEC-1-ENE, TRIMERS,			
HYDROGENATED			
CAS: 72623-86-0	GHS08		2.5 <= x % < 10
EC: 276-737-9	Dgr		
REACH: 01-2119474878-16	Asp. Tox. 1, H304		
LUBRICATING OILS (PETROLEUM),			
C20-50, HYDROTREATED NEUTRAL			
OIL-BASED			
CAS: 64742-54-7	GHS08		2.5 <= x % < 10

FETY DATA SHEET (HCS, Annexe D table D.1) OWPOWER 4T 0W40 - 58600northame		Version 7.1 (17-06-2020) - Page 2/8	
EC: 265-157-1 REACH: 01-2119484627-25	Dgr Asp. Tox. 1, H304		
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC			
CAS: 72623-87-1 EC: 276-738-4	GHS08 Dgr	2.5 <= x % < 10	
REACH: 01-2119474889-13	Asp. Tox. 1, H304		
LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED			

SECTION 4: FIRST AID MEASURES

(Full text of H-phrases: see section 16)

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation:

Remove the victim to fresh air. If the symptoms persist, call a physician.

In the event of splashes or contact with eyes :

Wash immediately and abundantly with water, including under the eyelids.

In the event of splashes or contact with skin:

Immediately remove all soiled clothing.

Wash immediately and abundantly with soap and water.

In the event of swallowing:

Seek medical attention, showing the label.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media



Suitable methods of extinction

Dry agent, foam, carbon dioxide.



Unsuitable methods of extinction

High volume water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

Spilled product may make surfaces slippery.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Avoid contact with eyes.

No special precaution apart from the observance of hygiene rules

Fire prevention:

Prevent access by unauthorised personnel.

Take precautionary measures against static discharges by bonding and grounding equipment.

No smoking.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Ensure good ventilation at the workplace

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

Do not breathe fumes, vapour, spray.

7.2. Conditions for safe storage, including any incompatibilities

Store between 5°C and 40°C in a dry, well ventilated place.

Only use hydrocarbon-resistant containers, joints and pipes.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Personnel shall wear regularly laundered overalls.

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.



- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended:

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Glove	0.38 mm
thickness:	
Break-through	> 480 mn
time:	

Recommended properties:

SNOWPOWER 4T 0W40 - 58600northame

- Impervious gloves in accordance with standard EN ISO 374-2

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Breathing apparatus only when aerosol or spray are formed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state :	Fluid liquid.
Color:	Amber



Important health, safety and environmental information

pH:	Not relevant.
Flash Point Interval :	FP > 100°C (212 °F)
Vapour pressure (50°C):	Not relevant.
Density:	<1
Water solubility:	Insoluble.
Viscosity:	80.4 mm²/s à 40°C

9.2. Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.



10.4. Conditions to avoid

Keep away from heat and from sources of ignition

Take precautionary measures against static discharges.



10.5. Incompatible materials

Strong oxidants

Acids

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO2)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No data available.

11.1.1. Substances



Acute toxicity :

1-DODECENE TRIMER, HYDROGENATED; ALKANE 4 (CAS: 151006-62-1)
Oral route: LD50 > 5000 mg/kg

Species: Rat

Dermal route : 2,000 < LD50 <= 5000 mg/kg

Species: Rat

Inhalation route (Dusts/mist): LC50 > 5.06 mg/l

Species: Rat

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

Oral route : LD50 > 2000 mg/kg

Species: Rat



Specific target organ systemic toxicity - repeated exposure :

1-DODECENE TRIMER, HYDROGENATED; ALKANE 4 (CAS: 151006-62-1)

Oral route: C = 1000 mg/kg poids corporel/jour

Species: Rat

Duration of exposure: 28 jours

OCDE Ligne directrice 407 (Toxicité orale à doses répétées - pendant 28

jours sur les rongeurs)

11.1.2. Mixture

Skin corrosion/skin irritation:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non allergic contact dermatitis and absorption through the skin.

Serious damage to eyes/eye irritation :

Mild eye irritation

Aspiration hazard :

"Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons."

May cause lung damage if swallowed

SECTION 12: ECOLOGICAL INFORMATION

The product must not be allowed to run into drains or waterways.

12.1. Toxicity



12.1.1. Substances

1-DODECENE TRIMER, HYDROGENATED; ALKANE 4 (CAS: 151006-62-1) Fish toxicity: LC50 > 1000 mg/l

Species : Oncorhynchus mykiss Duration of exposure : 96 h

Crustacean toxicity: EC50 > 1000 mg/l

Species : Daphnia magna Duration of exposure : 48 h

Algae toxicity: ECr50 > 1000 mg/l

 $Species: Selenastrum\ capricornutum$

Duration of exposure: 72 h

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

Fish toxicity : LC50 > 1000 mg/l

Duration of exposure: 96 h

Crustacean toxicity: EC50 > 1000 mg/l

Species : Daphnia magna Duration of exposure : 48 h

NOEC = 125 mg/l

Species : Daphnia magna Duration of exposure : 21 jours

Algae toxicity: NOEC = 100 mg/l

Duration of exposure: 72 h

Aquatic plant toxicity : ECr50 = 1000 mg/l

Duration of exposure: 72 h



12.1.2. Mixtures

12.2. Persistence and degradability



12.2.1. Substances

1-DODECENE TRIMER, HYDROGENATED; ALKANE 4 (CAS: 151006-62-1)

Biodegradability: no degradability data is available, the substance is considered as not

degrading quickly.

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

Biodegradability: Non-rapidly degradable.



12.2.2. Mixtures

no degradability data is available, the substance is considered as not

Biodegradability: degrading quickly.

12.3. Bioaccumulative potential



12.3.1. Substances

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3) Octanol/water partition coefficient : log Koe > 10

12.4. Mobility in soil

Not very mobile in soil.

The product is insoluble in water and will spread on the surface

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Do not dispose of the product in the natural environment, effluents or surface waters.

SECTION 13: DISPOSAL CONSIDERATIONS

The appropriate waste management of the mixture and/or its container must be determined in accordance with local regulations.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

SECTION 15: REGULATORY INFORMATION

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

The following regulations have been used:

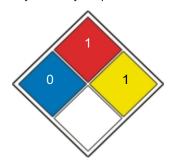
- OSHA Hazard Communication Standard 29 CFR 1910.1200
- Container information:

No data available.

- Particular provisions :

No data available.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704): NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



- Clean Water Act : Toxic Pollutants (CWA 307A)

Unlisted.

- Clean Water Act : Hazardous Substances (CWA 311)

- Clean Water Act : Hazardous Substances (CWA 304b)

Unlisted.

- Clean Water Act : Priority Pollutants (CWA Priority)

Unlisted.

- Clean Air Act : Hazardous Air Pollutants (CAA 112(b) HAP (188))

Unlisted.

- Clean Air Act : Organic Hazardous Air Pollutants National Emission Standards (CAA 112(b) HON (387))

Unlisted.

Clean Air Act : Protection of Stratospheric Ozone (CAA 602)

Unlisted.

- SARA 110

Unlisted.

- SARA 302/304

Unlisted.

- SARA 313

Unlisted.

- California proposition 65: Chemicals known to the state to cause cancer or reproductive toxicity

Unlisted.

- Massachusetts : Right to Know

Unlisted.

- New Jersey: Right to Know

Unlisted.

- Pennsylvania: Hazardous Substance

Unlisted.

- Rhode Island : Hazardous substance list

Unlisted.

- TSCA (Toxic Substances Control Act) - USA

CAS

72623-87-1 LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED 72623-86-0 LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED

64742-54-7 DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

151006-62-1 1-DODECENE TRIMER, HYDROGENATED; ALKANE 4

15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.



Wording of the phrases mentioned in section 3:

H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods. IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable. HCS: Hazard Communication standard (OSHA).