

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 8/15/2017 Revision date: 6/24/2021 Supersedes: 9/21/2020 Version: 1.5

# **SECTION 1: Identification**

## 1.1. Identification

Product form : Mixture

Product name : MVP SAE 10W-40 Motor Oil

Product code : 22100 Other means of identification : 22100-22103

# 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Engine oil

## 1.3. Supplier

Bardahl Manufacturing Corporation 1400 NW 52nd Street P.O. Box Seattle, King, 98107 USA

T 206-783-4851 - F 206-784-3219

www.bardahl.com
Contact: Jackie Leung

# 1.4. Emergency telephone number

Emergency number : 800-424-9300

# SECTION 2: Hazard(s) identification

## 2.1. Classification of the substance or mixture

#### **GHS-US** classification

Not classified

## 2.2. GHS Label elements, including precautionary statements

## **GHS US labelling**

No labelling applicable

# 2.3. Other hazards which do not result in classification

No additional information available

# 2.4. Unknown acute toxicity (GHS US)

Not applicable

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

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#### **SECTION 4: First-aid measures**

## 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

## 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

# **SECTION 5: Fire-fighting measures**

# 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

## 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

## 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

## 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

# 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

## 6.4. Reference to other sections

For further information refer to section 13.

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# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

## 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

# **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

MVP SAE 10W-40 Motor Oil			
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA	5 mg/m³		
ACGIH OEL STEL	10 mg/m³		
USA - OSHA - Occupational Exposure Limits			
OSHA PEL TWA [1]	5 mg/m³		

## 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

# 8.3. Individual protection measures/Personal protective equipment

## Personal protective equipment:

Protective clothing. Gloves. Safety glasses.

# Hand protection:

# Protective gloves Eye protection:

Safety glasses

## Skin and body protection:

Wear suitable protective clothing

## Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):







#### Other information:

Do not eat, drink or smoke when using this product.

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#### **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Colour : amber

Odour : Petroleum-like odour
Odour threshold : No data available
pH : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : 315 °C estimated

Flash point : 215 °C COC, typical result

Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : Not applicable.

Vapour pressure < 0.01 mm Hg at 37.8 C Relative vapour density at 20 °C No data available Relative density 0.88 at 15 C. Solubility No data available Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Viscosity, kinematic : > 20.5 mm<sup>2</sup>/s @40 C Viscosity, dynamic No data available **Explosive limits** No data available Explosive properties No data available Oxidising properties No data available

#### 9.2. Other information

No additional information available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

## 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

## 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

: Not classified Acute toxicity (oral) Acute toxicity (dermal) Not classified Acute toxicity (inhalation) Not classified Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Respiratory or skin sensitisation : Not classified : Not classified Germ cell mutagenicity Carcinogenicity : Not classified Reproductive toxicity Not classified STOT-single exposure Not classified : Not classified STOT-repeated exposure Aspiration hazard : Not classified Viscosity, kinematic : > 20.5 mm<sup>2</sup>/s @40 C

# **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

## 12.2. Persistence and degradability

No additional information available

# 12.3. Bioaccumulative potential

No additional information available

# 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

# **SECTION 13: Disposal considerations**

## 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

# **SECTION 14: Transport information**

In accordance with DOT / TDG / IMDG / IATA

# 14.1. UN number

Not regulated for transport

## 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

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Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

# 14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

**TDG** 

Transport hazard class(es) (TDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

## 14.6. Special precautions for user

DOT

No data available

**TDG** 

No data available

**IMDG** 

No data available

**IATA** 

No data available

# 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

# **SECTION 15: Regulatory information**

# 15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial	Flags
			status	

## 15.2. International regulations

## CANADA

No additional information available

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#### **EU-Regulations**

No additional information available

## **National regulations**

No additional information available

## 15.3. US State regulations

No additional information available

# **SECTION 16: Other information**

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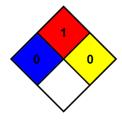
NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard

beyond that of ordinary combustible materials.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur. NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire

conditions.



Hazard Rating

: 0 Minimal Hazard - No significant risk to health Health

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids,

solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT

react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.