

Safety Data Sheet

REACH regulation (EC) n° 1907/2006 - n° 2015/830
1272/2008/EC (CLP), and GHS

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

1.1. Product identifier

Product name: Larsson Action SAE 50 CF2/SL

Product code: L-767

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

Mineral Heavy-Duty Engine Oil

1.3. Details of the supplier of the safety data sheet

Registered company name: Millard Filters Ibérica, S.L.

Address: c/ Adolfo Pérez Esquivel 3, Of.31. 28232 Las Rozas (Madrid, Spain)

1.4. Emergency telephone number:

Spain Telephone: 0034.91.634.33.09.

Other:

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with regulation (EC) No. 1272/2008 and its amendments.

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

· Information concerning particular hazards for human and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· Classification system:

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008 N/A

Hazard pictograms N/A

Signal word N/A

Hazard statements N/A

Hazard description:

WHMIS-symbols: Not hazardous under WHMIS.

HMIS Long Term Health Hazard Substances: None of the ingredients is listed.

2.3. Other hazards

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annex XIII of the REACH regulations EC 1907/2006

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Description: Mixture of substances listed below with nonhazardous additions

Composition:

Identification	(EC) 1272/2008	Percentage
CAS: 64741-88-4 EINECS: 265-090-8 Index number: 649-454-00-7	Distillates (petroleum), solvent-refined heavy paraffinic Carc. Cat. 2	68%
CAS: 64742-65-0 EINECS: 265-169-7 Index number: 649-474-00-6	Distillates (petroleum), solvent-dewaxed heavy paraffinic Carc. Cat. 2	26%

Additional Information on ingredients:

Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This product meets these requirements.

For the wording of the listed risk phrases refer to section 16.

SECTION 4: FIRST AID MEASURES

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 doctor.

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 further relevant information available.

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

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Carbon dioxide

Water haze or Fog

Foam

Fire-extinguishing powder

For safety reasons unsuitable extinguishing agents: Water with full 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

Wear self-contained respiratory protective device.

Wear fully protective suit.

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.

Ensure adequate ventilation,

Wear protective equipment.

Keep unprotected persons away.

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, acid binders, universal binders, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways. Not spreading (e.g. by damming-in or oil barriers).

Do not flush with water or aqueous cleansing agents

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

Do not flush with water or aqueous cleansing agents

6.4. Reference to other sections

No data available

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

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 unauthorized personnel.

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

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Recommended 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, vapor, 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 in well-sealed receptacles

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 further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

8.2. Exposure controls**Suitable technical inspections:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

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

Do not 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.

**- 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

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

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. Oily
Color:	Amber

Important health, safety and environmental information

pH :	Not relevant.
Melting Point / Melting Range	Not relevant.
Boiling Point / Boiling Range	Not relevant.
Flash Point Interval:	240°C. (464°F)
Flamability (solid, gaseous)	Not relevant.
Ignition temperature: Decomposition	Not relevant.
Self Ignition:	Product not self ignition
Danger of explosion:	Product doesn't present an explosion hazard
Explosion Limits: Lower - Upper	
Vapour pressure (50°C):	Not relevant.
Density at 20°C:	0,89 g/cm ³
Relative density	Not relevant.
Vapour Density	Not relevant.
Evaporation rate	Not relevant.
Water solubility:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water)	>2,0 log POW (Estimate)
Viscosity:	
Viscosity Index:	100
Kinematic Viscosity at 40°C	180 cSt (19 cSt @ 100°C)
Solvent content: Organic solvents	0,0%

9.2. Other information

Not relevant.

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

Reacts with strong oxidizing agents.

10.4. Conditions to avoid

Reacts with strong oxidizing agents.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- Carbon monoxide (CO)

- Carbon dioxide (CO₂)

Possible traces:

- Sulphur oxides (SO_x)

- Nitrogen oxides (NO_x)

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

No data available.

11.1.1. Substances

Acute toxicity

LD/LC50 values relevant for classification	
Oral LD50	>2000 mg/kg (rat)
Dermal LD50	>2000 mg/kg (rabbit)

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

Aspiration hazard:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.2. Mixtures**

The material is harmful to the environment.

12.2. Persistence and degradability

Not easily biodegradable

12.3. Bioaccumulative potential

May be accumulated in organism.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6. Other adverse effects

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Danger to drinking water if even extremely small quantities leak into the ground.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

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.

Can be reused after reprocessing.

Delivery of waste oil to officially authorized collectors only

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

- DOT, AND, IMDG, IATA : N/A

14.2. UN proper shipping name

- DOT, AND, IMDG, IATA : N/A

14.3. Transport hazard class(es)

- DOT, AND, IMDG, IATA class: N/A

14.4. Packing group

- DOT, AND, IMDG, IATA : N/A

14.5. Environmental hazards

- Marine pollutant: No

14.6. Special precautions for

- Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

- Not applicable

14.8. UN "Model Regulation":

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SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

- United States (USA)

- Section 355 (extremely hazardous substances): None of the ingredients are listed.
- Section 313 (Specific toxic chemical listings): None of the ingredients are listed.
- TSCA (Toxic Substances Control Act): All ingredients are listed.
- EPA (Environmental Protection Agency): All ingredients are listed
- IARC (International Agency for Research on Cancer): None of the ingredients are listed.
- Substance of very high concern (SVHC) according to REACH, article 57
- Proposition 65 (California):
 - Chemicals known to cause cancer: None of the ingredients are listed.
 - Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.
 - Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
 - Chemicals known to cause developmental toxicity: None of the ingredients are listed.
- Carcinogenic Categories
 - EPA (Environmental Protection Agency): None of the ingredients are listed.
 - IARC (International Agency for Research on Cancer): None of the ingredients are listed.
 - TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.
 - MAK (German Maximum Workplace Concentration): None of the ingredients are listed.
 - NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.
 - OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.
- Canada
 - Canadian Domestic Substances List (DSL): All ingredients are listed.
 - Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.
 - Canadian Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations:

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

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonized System of Classification and Labeling Chemicals

ICAO: International Civil Aviation Organization

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

PBT: Persistent, bio-accumulable and toxic

vPvB: Very persistent, very bio-accumulable.

SVHC: Substances of very high concern.

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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.