

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : JLM ENGINE OIL FLUSH
Revision : 20.05.2010 Version : 3.0.2
Print date : 02-12-2010

01. Identification of the substance/preparation and of the company/undertaking

Product name

JLM ENGINE OIL FLUSH

Manufacturer/Supplier

GMS LUBRICANTS B.V.

Street/P.O.Box

WALRUSKOOG 3-5

Country code/Postal code/Town/City

1822 BC ALKMAAR

Telephone / Telefax

+31 (0)72 561 6464 / +31 (0)72 561 0114

Contact

Ian Humphreys (E-mail: Ihumphreys@gms.nl)

Emergency information

+31 (0)72 561 6464 (only at office hours 8:00 - 16:30)

02. Hazards identification

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directiv. 67/548/EEC .

Hazard designation

Directive 67/548/EEC or 1999/45/EC

-

Regulation (EC) No 1272/2008 (GHS)

-

03. Composition/information on ingredients

None.

Hazardous components

-

Further components

DMSO EXTRACT (IP 346) OF MINERAL OIL

Percentage : 50 - 100 %

04. First-aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. For further information refer to "specifications about toxicology".

After skin contact

Immediately remove all contaminated clothing. Wash away with soap and water and rinse.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Drink plenty of water. Call a physician. Keep at rest.

05. Fire-fighting measures

Suitable extinguishing media

Alcohol resistant foam, CO2, powders, water spray.

Unsuitable extinguishing media

Waterjet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

In case of fire do not breathe fumes

Special protective equipment

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No particular measures required.

Additional information

Cool endangered containers with water in case of fire.

06. Accidental release measures

Personal precautions

Refer to protective measures listed in sections 7 and 8.

Environmental precautions

If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting

Remove mechanically, take-up residues with absorbing material. Wash away.

07. Handling and storage

Information for safe handling

Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

Requirements to be met by storerooms and containers

Containers should be kept dry and sealed.

Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight.

Storage class (VCI) : 10

08. Exposure controls/personal protection

Additional information about engineering measures

No particular measures required.

Personal protective equipment

Respiratory protection

None, but avoid breathing vapours if possible.

Eye protection

No particular measures required.

09. Physical and chemical properties

Relevant safety data

Physical state :			liquid
Odour :			Characteristic.
Colour :			Light-brown.
Boiling point / range :	(1013 hPa)	>	150 °C
Flash point :		>	100 °C
Vapour pressure :	(50 °C)	<	1000 hPa
Density :	(20 °C)		0,88 g/cm ³
Solubility in water :	(20 °C)		insoluble
Viscosity :	(20 °C)		no data available

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products

Occurs only when boiling point is reached.

11. Toxicological information

There are no data available on the preparation itself. The product was classified in toxicological terms on the basis of the results of the

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calculation procedure outlined within General Directive on Preparations (1999/45/EC). This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

12. Ecological information

Do not empty the product into drains and waters without primary treatment and do not store on public depositories.

13. Disposal considerations

In accordance with local official regulations.

14. Transport information

Land transport ADR/RID

Classification

Not subject to ADR/RID.

Class : -

Maritime transport IMDG/GGVSea

Classification

Not subject to IMDG code.

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Not subject to IATA regulations.

Class : -

Additional transport information

None.

15. Regulatory information

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directiv. 67/548/EEC .

Regulation (EC) No 1272/2008 (GHS)

Classification

Hazard classes and hazard categories

-

National regulatory information

Water pollution classification

Class : - according VwVwS

16. Other information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
