



Safety Data Sheet

Printed 22.08.2017
Revision 01.08.2017
CORE BALL DIFF GREASE MV

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product CORE BALL DIFF GREASE

Manufacturer/distributor:Emergency advice AXON inc.
2-42-3-4F Ikebukuro Toshima Tokyo 171-0014 JAPAN
Phone +81 3 5985 4445 , Fax +81 3 4496 4450

Recommended intended purpose(s)
Silicone Grease

2. HAZARDS IDENTIFICATION

Information pertaining to special dangers for human and environment
none at appropriate handling and storage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description
Lithium soap thickened grease based on a Methylphenylsilicon oil

Additional advice
No hazardous material resp. below level of consideration according to RL 67/548 EWG

4. FIRST AID MEASURES

General information
Remove contaminated soaked clothing immediately, don't leave to dry.

In case of inhalation
Call doctor in case of indisposition
Ensure of fresh air.
(may be relevant for vapours of superheated product)

In case of skin contact
In case of contact with skin wash off with soap and water.
Don't use organic solvents
Consult a doctor if skin irritation persists.

In case of eye contact
In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion
Do not induce vomiting.
Call for a doctor immediately.

Physician's information / possible symptoms
No symptoms known so far.

Physician's information / possible dangers
Aspiration hazard when vomiting after swallow up

Treatment (Advice to doctor)
Treat symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Foam
Dry fire-extinguishing substance
Carbon dioxide
sand

Extinguishing media which must not be used for safety reasons
Full water jet



Safety Data Sheet

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Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
Fire gas of organic material has to be classed invariably as respiratory poison.

Special protective equipment for fire-fighters

In case of rescue and maintenance activities in storage containers use environment-independent breathing apparatus because of risk of suffocation by edging out of air oxygen

Wear suitable personal protective equipment for fire extinguishing measures.

Additional information

Apply foam in large quantities because some of it is destroyed by the product.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Avoid contact with skin and eyes

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

Methods for cleaning up

Send in suitable containers for recovery or disposal.

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

Additional Information

Informations for disposal see chapter 13.

7. HANDLING AND STORAGE

Advice on safe handling

Avoid formation of oil dust.

Avoid formation of aerosols.

Advice on protection against fire and explosion

The product is combustible.

Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with oxidising and self-flammable materials.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.

Protect from heat and direct solar radiation.

Store in a dry place.

Recommended storage temperature: room temperature.

Storage group 10/11

Fire class B

Information on storage stability

see Product information

Recommendation(s) for intended use

see Product information

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

not necessary in general

Additional advice

This product as such does not contain any relevant ingredients with to be observed limited values

As basis for this information served the valid references.

Respiratory protection

not necessary in general

Hand protection

PVC gloves



Safety Data Sheet

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CORE BALL DIFF GREASE MV

Eye protection
tightly fitting goggles, in case of splashing

Skin protection
Usual working clothes for chemical industries

General protective measures
Avoid contact with eyes and skin
Do not inhale gases/vapours/aerosols.

Hygiene measures
Clean skin thoroughly after working.
Cloths contaminated with product should not be kept in trouser pockets.
Follow general rules of industrial hygiene for safe handling of chemical products
At work do not eat, drink and smoke.
Work in rooms with good ventilation.
Keep away from food and drink.
Use barrier skin cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form pasty	Colour white	Odour hardly noticeable
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
Flash point				DIN 51758	not applicable
Autoignition					unknown
Density	ca. 1.01g/cm ³	20	C	DIN 51757	
Solubility in water					more or less insoluble
Partition coefficient (log p _{OW})					not determined
Oxidizing properties	no				
Explosive properties	no				

10. STABILITY AND REACTIVITY

Conditions to avoid
none at appropriate handling and storage

Materials to avoid
Reactions with oxidising agents.

Hazardous decomposition products
thermal decomposition:
starts decomposing at ca. 350 C
carbon monoxide and carbon dioxide
Nitrous oxides (NO_x)

Thermal decomposition

Remark No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation



Safety Data Sheet

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Revision 01.08.2017
CORE BALL DIFF GREASE MV

	Value/Validation	Species	Method	Remark
Irritability eye	may have irritating effect			if splash reaches eye
Skin sensitization	No sensitizing effect known			

Additional information
No toxic data available.
The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Biological degradability				not determined

Mobility and bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely. preparation is water insoluble and does not formate emulsion

Ecotoxicological effects

	Value	Species	Method	Validation
Fish				not determined

Behaviour in sewage plant

Product gets duly not into waste water before it is not treated according to the local regulations.

General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
12 01 12*	spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Standardized regulations for residual waste disposal within the EG member states do not exist.
German statutes are prescribed in the law of "recycling and waste" (KrW/AbfG)
In accordance with regulations for special waste, must be taken to a special waste disposal.
used absorbents of chapter 6: EAK 07 06 10

Recommendations for packaging

Totally emptied packaging may be taken for recycling.
Dispose one-trip container according to local authority prescriptions
EAK 15 01 99 D1: packing material with harmful contamination

Recommended cleansing agent

Water, surfactant if necessary

General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste
Therefore the a.m. recommendation has to be checked in case of need.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

Marine transport IMDG

No hazardous goods as defined by prescriptions

Air transport ICAO/IATA-DGR

No hazardous goods as defined by prescriptions



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15. REGULATORY INFORMATION

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances. Although this product does not require a hazard warning label, we recommend that the safety advice should be observed. Classification happened on the basis of calculation methods of preparation directive (1999/45/EC).

National regulations

Water hazard class	1	Mixture-WGK according to VwVwS (GER) preliminary
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VOC standard	
VOC content	0 %

16. OTHER INFORMATION

Training advice

Use information in this MSDS

Recommend uses and restrictions

usage only according to instructions for use and observance of warning notes
National and local regulations concerning chemicals shall be observed.

Further information

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

Refer to product information paper.

Sources of key data used

Material Safety Data Sheets of raw materials