



SAFETY DATA SHEET

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

Identification of the substance/preparation	ABS Sensor Grease
Product use	Brake Products
Version No.	1.0
Revision date	22-February-2010
CAS #	Mixture
SDS Number	200010
Manufacturer	Landrover UK
Address	Banbury Road, Warwick, CV35 ORR Gaydon
Contact person	Dr. Helmut Suberg
Phone	+44 (0) 1926 641 111 (Mo - Thu 08:00 - 17:00 GMT / Fri 08:00 - 14:00 GMT)
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2. HAZARDS IDENTIFICATION

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Physical hazards	Not classified as a physical hazard.
Health hazards	Not classified as a health hazard.
Environmental hazards	Not classified as an environmental hazard.
Specific hazards	No hazards resulting from the material as supplied.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Classification	CAS-No.	%	EC-No. / REACH Registration No.	Notes
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	R52/53	68411-46-1	< 2.5	270-128-1	
2-(heptadecenyl)-2-oxazoline-4,4-dimethanol	R52/53	28984-69-2	2.5 - 10	249-355-5	

#: This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

The full text for all R-phrases is displayed in Section 16.

4. FIRST-AID MEASURES

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Flush eyes immediately with large amounts of water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control centre immediately.
General advice	If you feel unwell, seek medical advice (show the label where possible).

5. FIRE-FIGHTING MEASURES

Fire fighting equipment/instructions	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers. Cool containers exposed to flames with water until well after the fire is out.
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Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Extinguishing media which must not be used for safety reasons	Do not use water jet.
Hazardous combustion products	Carbon oxides. Hydrocarbons.
Specific methods	In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Containment procedures	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Methods for cleaning up	<p>Large Spills: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water.</p> <p>Never return spills in original containers for re-use.</p>

7. HANDLING AND STORAGE

Handling	Use care in handling/storage.
Storage	Store in accordance with local/regional/national/international regulation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Occupational exposure controls	
Respiratory protection	If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist.
Hand protection	Wear protective gloves.
Eye protection	Wear eye/face protection.
Skin and body protection	Wear suitable protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Not available.
Physical state	Liquid
Form	Paste.
Color	Light brown
Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Boiling point	Not available.
Flash point	Not available.
Flammability limits in air, upper, % by volume	< 4.5 %
Flammability limits in air, lower, % by volume	> 0.5 %
Vapor pressure	0 kPa
Relative density	Not available.
Density	0.97 g/cm ³ @ 20°C
Solubility (water)	insoluble

Partition coefficient (n-octanol/water)	Not available
Viscosity	Not available.
Vapor density	Not available.
Evaporation rate	Not available.
Melting point	Not available.
Freezing point	Not available.
Auto-ignition temperature	Not available.
VOC	Not available.
Pour point	220 °C (428 °F)
Decomposition temperature	Not available.
Burning index	Not available.

10. STABILITY AND REACTIVITY

Hazardous decomposition products	No dangerous reaction known under conditions of normal use.
Stability	Material is stable under normal conditions.
Materials to avoid	Oxidising materials.

11. TOXICOLOGICAL INFORMATION

Routes of exposure	Ingestion. Inhalation. Skin contact. Eye contact.
Sensitisation	None known.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductivity	Contains no ingredient listed as toxic to reproduction
Further information	This product has no known adverse effect on human health.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Oil spills are generally hazardous to the environment.
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. TRANSPORT INFORMATION

ADR
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Other regulations The product does not need to be labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

16. OTHER INFORMATION

Wording of the R-phrases in sections 2 and 3 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Issue date

22-February-2010



Attachment to the Safety Data Sheet

Involved Products:

LR Part Number	Container size	Part of Kit:	
1 SYL000010	8 g	SSF000011	ABS Sensor Kit
2 SYL000010	8 g	SSF000021	ABS Sensor Kit
3 SYL000010	8 g	SSF500011	ABS Sensor Kit
4 SYL000010	8 g	SSF500021	ABS Sensor Kit