

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02

Version: 1.0

Page: 1/7

(30536330/SDS_GEN_US/EN)

1. Product and Company Identification

Company

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Synonyms:

Proprietary synthetic lubricant

2. Hazards Identification

Emergency overview

Low hazard for usual industrial or commercial handling.

State of matter: liquid

Colour: amber

Odour: characteristic

Potential health effects**Primary routes of exposure:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Sensitization:

A sensitizing effect on particularly sensitive individuals cannot be excluded.

Chronic toxicity:

Carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Repeated dose toxicity: None known

Reproductive toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

Genotoxicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

Signs and symptoms of overexposure:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Further important symptoms and effects are so far not known.

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02
Version: 1.0

Page: 2/7
(30536330/SDS_GEN_US/EN)

Potential environmental effects

Bioaccumulation / bioconcentration:
Discharge into the environment must be avoided.

3. Composition / Information on Ingredients

This product is not regarded as hazardous under current OSHA Hazard Communication standard; CFR 29 Part 1910.1200.

4. First-Aid Measures

General advice:
Remove contaminated clothing.

If inhaled:
If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:
Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Seek medical attention.

If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Flash point:	>= 180.00 °C	(ASTM D92)
Flammability:	not flammable	
Self-ignition temperature:		Keep away from heat, spark, and open flames.

Suitable extinguishing media:
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:
water jet

Hazards during fire-fighting:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02
Version: 1.0

Page: 3/7
(30536330/SDS_GEN_US/EN)

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Keep people away and stay on the upwind side.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Cleanup:

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and Storage

Handling

General advice:

Keep away from sources of ignition - No smoking.

Protection against fire and explosion:

No special precautions necessary.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place.

8. Exposure Controls and Personal Protection

Advice on system design:

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	characteristic	
Colour:	amber	
pH value:		insoluble

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02

Page: 4/7

Version: 1.0

(30536330/SDS_GEN_US/EN)

Melting point:	-15 °C	
Density:	0.90 g/cm3	(20 °C)
Partitioning coefficient n-octanol/water (log Pow):		Study scientifically not justified.
Viscosity, dynamic:	> 150,000.00 mPa*s	(-26.0 °C)
Viscosity, kinematic:	28.00 - 32.00 mm2/s	(100 °C) (ASTM D445)
Solubility in water:		insoluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

10. Stability and Reactivity

Conditions to avoid:

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

Substances to avoid:

strong oxidizing agents, strong bases, strong acids

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.
The product is chemically stable.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

not fire-propagating

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

Irritation / corrosion

Skin:

Species: rabbit

Result: non-irritant

Eye:

Species: rabbit

Result: non-irritant

Other Information:

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02
Version: 1.0

Page: 5/7
(30536330/SDS_GEN_US/EN)

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information

Fish

Acute:
LC50: > 10 - 100 mg/l

Microorganisms

Toxicity to microorganisms:
EC0: > 100 mg/l

Degradability / Persistence Biological / Abiological Degradation

Evaluation: Not readily biodegradable (by OECD criteria).

Bioaccumulation

At the present state of knowledge, no negative ecological effects are expected.

Other adverse effects:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. Do not discharge into drains/surface waters/groundwater.
It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02
Version: 1.0

Page: 6/7
(30536330/SDS_GEN_US/EN)

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: This material is classified as not hazardous under OSHA regulations.;

EPCRA 311/312 (Hazard categories): None;

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
5000 LBS	62-53-3	Aniline
1000 LBS	140-88-5	ethyl acrylate
100 LBS	134-32-7	1-naphthylamine
10 LBS	7439-92-1; 7440-43-9; 91-59-8	lead; Cadmium; 2-naphthylamine
1 LBS	7440-38-2	arsenic

State regulations

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

16. Other Information

NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2013/07/02

Spicer® 80W-140 Synthetic Gear Lubricant is a registered trademark of BASF Corporation or BASF SE
IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE

Safety Data Sheet

Spicer® 80W-140 Synthetic Gear Lubricant

Revision date : 2013/07/02

Page: 7/7

Version: 1.0

(30536330/SDS_GEN_US/EN)

RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

Due to the merger of Cognis and BASF Group all (Material) Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes to the (Material) Safety Data Sheets. In case you have questions concerning such changes please contact us at the address mentioned in Section 1.

END OF DATA SHEET