

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : **Connector Grease DG 15**

Identification of Substance/Preparation

: Lubricating Grease

SDS NO. : RD16816_Eng

Company Identification

Manufacture & Distributor : SHIMANO NORTH AMERICA FISHING, INC.

Address : 9560 Palmetto Commerce Parkway Ladson, South Carolina 29456 U.S.A.

Emergency Phone number : +1-949-951-5003 (Business Hours Only)

Manufacture & Distributor : SHIMANO EUROPE B.V.

Address : High Tech Campus 92 NL-5656 AG Eindhoven, The Netherlands

Emergency Phone number : +31-40-2612222 (Business Hours Only)

Manufacture & Distributor : SHIMANO INC.

Address : 3-77 Oimatsu-cho Sakaiku Sakai OSAKA 5908577, JAPAN

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Mass%
Base oil	Commercial secret	71~81
Thickener (Aluminum complex soap)	Commercial secret	10~20
Additives	Commercial secret	Less than 15

3. HAZARDS IDENTIFICATION

Emergency overview :

Eye : Not expected to cause prolonged or significant eye irritation.

Skin : Contact skin is not expected to cause prolonged or significant irritation.

Not expected to be harmful to internal organs if absorbed through the skin.

Ingestion : Do not swallow heedlessly.

Inhalation : Move to fresh air. Be at rest in a position comfortable for breathing.

EU classification : Not classified as hazardous according to European Regulation (EC) 1272/2008(CLP).

Not classified as hazardous according to Directive 67/548/EEC or 1999/45/EC.

It complied with the EC Label Regulation (EC) 1272/2008 (CLP) without a label.

4. FIRST-AID MEASURES

Eye : Flush eyes fresh with water for at least 15 minutes, then seek medical attention.

Skin : Wash contact areas thoroughly with soap and water.

Inhalation : Remove to fresh air. Cover the victim's body with blanket, rest in keeping warm, and seek medical attention immediately.

Ingestion : If swallowed, do not induce vomiting. Seek medical attention immediately.

If contaminated in mouth, flush thoroughly with water.

5. FIRE-FIGHTING MEASURES

Extinguishing Media : Water fog, foam, dry chemical and carbon dioxide. Do not try to put out the fire with water pillars.

Fire fighting instructions : For fires involving this materials, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection.

Contain grease to prevent further contamination of soil, surface water or groundwater.

Clean up small spills using appropriate techniques such as solvent materials.

7. HANDLING AND STORAGE

Do not use or store near flame, spark or hot surfaces. Keep container in a cool, well-ventilated area. Keep container tightly closed when do not use. Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

CAUTION : Do not use pressure to empty drum may rupture with explosive force.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits : No mention. ACGIH (2010)

Engineering Controls : Use adequate ventilation to keep airborne concentrations of this material below the recommended exposure standard.

Personal protective equipment

Eye/Face protection : No special eye protection is usually necessary. Where splashing is possible wear safety glasses with side shields as a good safety practice.

Skin protection : No special protective clothing is normally required. Avoid prolonged or frequently repeated skin contact with this material.

Respiratory protection : No respiratory protection is usually necessary. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical description : Semi-solid, light brown in color, with petroleum-like smell.

Evaporating volatility : Nil

Solubility : Insoluble in water

Flash point : > 200°C (SETA method)

Dropping point : > 230°C

10. STABILITY AND REACTIVITY

Ignition point : No data available

Explosive limits : No data available

Combustibility : Combustible

Oxidizing properties : Not oxidizer

Explosion properties : Not explosive

Dust explosion properties : Not explosive

Stability : stable

Conditions to avoid : Keep away from heat sources which may induce thermal decomposition.

Materials to avoid : Keep away from strong oxidizing agent, such as chlorates, nitrates, peroxides, etc.

11. TOXICOLOGICAL INFORMATION

Corrosiveness : Not corrosive

Eye, skin irritation : May cause irritation under prolonged exposures.

Sensitization : No data available

Acute toxicity

ORAL LD₅₀ : 5g/kg [Rat], (Estimated values)

Subacute toxicity : No data available

Carcinogenicity

Base oil : This base oil is not reported to be carcinogenic by NTP and IARC

Additives : No data available

Mutagenicity : No data available

Teratogenicity : No data available

12. ECOLOGICAL INFORMATION

Persistence/degradability : No data available.

Bioaccumulation : No data available.

Ecotoxicity : No data available.

13. DISPOSAL CONSIDERATIONS

Place contaminated material in disposable containers and dispose of in a manner consistent with applicable regulations.
Contact local environmental or health authorities for approved disposal of this materials.

14. TRANSPORT INFORMATION

Transportation by sea : Not Regulated
Transportation by air : Not Regulated
UN No. : Not applicable

15. REGULATORY INFORMATION

JAPAN INVENTORY (MITI) : All components are listed.
U.S. INVENTORY (TSCA) : All components are listed.

16. OTHER INFORMATION

NFPA704(Health, Fire, Reactivity, Specific hazard): 0,1,0,NONE
HMIS(Health, Fire, Reactivity, Specific hazard): 0,1,0,NONE

This material safety data sheet is compiled as a reference for the safe handling of harmful chemical products.
Handlers and users are expected to assume their own responsibilities by handling different situations according to actual circumstances and with reference to this material safety data sheet.
This material safety data sheet may not be interpreted as a guarantee for safety.

Disclaimer

The information above is believed to be accurate and represents the best information currently available to us.
We have reviewed any information contained herein which we received from sources outside SHIMANO INC..
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