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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

GREASE FLOIL G-902

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Lubricating Grease

#### 1.3. Details of the supplier of the safety data sheet

Manufacture's name: Roland DG Corporation  
Address: 1-6-4 Shinmiyakoda, Kita-ku, Hamamatsu-shi,  
Shizuoka-ken, 431-2103  
JAPAN  
Phone: + 81-53-484-1224  
Fax: + 81-53-484-1226

E-mail Address:

Revised date: 28 December, 2015

#### 1.4. Emergency telephone:

### 2. Hazard identification

#### 2.1. Classification of the substance or mixture

This product is not classified as hazardous according to GHS criteria.

#### 2.2. GHS label elements, including precautionary statements

The product does not need to be labeled in accordance with GHS criteria.

#### 2.3. Other hazards

##### Potential Health Effects:

Eyes: Contact with eye may be mildly irritating.  
Skin: Contact with skin may cause irritation, swelling or redness.  
Inhalation: Exposure to vapors (mist) will cause respiratory irritation and anesthesia.  
Ingestion: May cause upset stomach.  
Chronic Health Hazards: None Known.  
Carcinogenicity: None of the ingredients in this ink is listed by IARC as a carcinogen. (1,2A and 2B)

### 3. Composition/information on ingredients

**Chemical nature:** mixture

Composition	CAS No.	EC No.	EU registration No.	% By Weight	Classification EC No. 1272/2008
Synthetic oil	C.B.I.	C.B.I.	N/A for the moment	60-70	Not classified as hazardous
Lithium soap	C.B.I.	C.B.I.	N/A for the moment	1-10	Not classified as hazardous
Additives	C.B.I.	C.B.I.	N/A for the moment	25-35	Not classified as hazardous

\*C.B.I.: Confidential Business Information

### 4. First aid measures

#### 4.1. Description of first aid measures

- Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during flushing. Call a physician.
- Skin:** In case of contact, immediately flush with plenty of water while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. If swelling or redness occurs, call a physician.
- Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Ingestion:** If swallowed, DO NOT induce vomiting. Seek immediate medical advice.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Eyes:** Contact with eye may be mildly irritating.
- Skin:** Contact with skin may cause irritation, swelling or redness.
- Inhalation:** Exposure to vapors (mist) will cause respiratory irritation and anesthesia.
- Ingestion:** May cause upset stomach.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No information

### 5. Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media:**  
 Use spray foam, foam, powder or CO<sub>2</sub> gas extinguishing media.
- Unsuitable extinguishing media:**  
 Water must not be used to extinguish.

#### 5.2. Special hazards arising from the substance or mixture

No data available

#### 5.3. Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective equipment.  
 Applying direct water may be dangerous because fire may expand to surroundings.

## 6. Accidental release measures

### General:

Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill. Absorb spill with sand or earth then place in a chemical waste container.

### 6.1. Personal precautions, protective equipment and emergency procedures

Not fail to wear protector.

### 6.2. Environmental precautions

Take care not to be drained into river and drain.

### 6.3. Methods and material for containment and cleaning up

Remove with a spatula or shovel, or a cloth. Wipe off remainder.

### 6.4. Reference to other sections

Refer to “Section 8 Exposure controls/ personal protection” and “Section 13 Disposal consideration” as appropriate.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with flame, sparks and heated objects. Do not allow unnecessary dispersion of vapor.

Take steps to prevent static electricity, and use conductive work clothes and shoes if necessary.

Remove completely it in the safety area, if the mechanical equipment are repaired and are processed.

Wear protector, if there is possibility of skin contact or eye contact.

Avoid inhalation of vapor or mist.

Containers must be sealed.

The vapor from petroleum products builds up easily as it is heavier than air. It is therefore necessary to ensure adequate ventilation and take care with fire.

Handling should be done at room temperature. Prevent contamination of water and impurities.

Avoid contact with halogens, strong acids, alkaline substances and oxidants.

### 7.2. Conditions for safe storage, including any incompatibilities

Protect from sunlight. Store in a well-ventilated place.

Avoid heat, sparks, flames and any build-up of static electricity.

Avoid contact and storing with halogens, strong acids, alkaline substances and oxidants.

Don't turn the heat to an empty container.

Don't cut, weld, heat, or make the hole the container. Traces might ignite attended with the explosion.

### 7.3. Specific end use(s):

Lubricating Grease

**8. Exposure controls/ personal protection**

8.1. Control parameters

Occupational Exposure Limits: Not specified.

8.2. Exposure controls:

- Occupational exposure control: If the vapor arises, ventilation equipment or closing of vapor source is needed.
- Personal protective equipment:
  - Respiratory protection: If necessary, wear hazard mask.
  - Hand protection: Wear the resistance to oil if coming in contact repeating for a long term.
  - Eye protection: If necessary, wear safety glasses with side shields .
  - Skin protection: Wear the long sleeve work wear of the resistance to oil if handling or getting wet for a long term.
  - Hygiene measures: Take off and wash the wet clothes, and use again.
  - Environmental exposure control: Avoid release to the environment.

**9. Physical and chemical properties**

9.1. Information on basic physical and chemical properties

- Appearance: White semisolid
- Odor: Slightly
- pH: No data available
- Boiling point: No data available
- Flash point: Over 200 deg.C (SETA)
- Flammability(solid,gas): None
- Explosive properties: Upper: 7wt%, Lower: 1wt% (Base oil)
- Oxidizing properties: None
- Vapor pressure: No data available
- Relative density: Approx. 0.86 (25 deg.C)
- Solubility: No data available
- Water Solubility: Insoluble
- Partition coefficient: n-octanol/water: No data available
- Viscosity: No data available
- Vapor density: No data available
- Evaporation rate: No data available
- Melting point: No data available

9.2. Other information: No information

**10. Stability and reactivity**

- 10.1. Reactivity: No reaction with water
- 10.2. Chemical stability: Stability at room temperature
- 10.3. Possibility of hazardous reactions: No data available.
- 10.4. Conditions to avoid: Heating, high temperatures, and contact hazardous material
- 10.5. Incompatible materials: Avoid contact with halogens, strong acids, alkaline substances and oxidants.
- 10.6. Hazardous decomposition products: No data available.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Routes Of Overexposure:	Eye, skin, inhalation, and oral	
Acute toxicity:	Oral LD50	>5000mg/kg
	Dermal LD50	No data available
	Inhalant LC50	No data available
Skin corrosion/irritation:	No data available	
Serious eye damage/eye irritation:	No data available	
Respiratory or skin sensitisation:	No data available	
Germ cell mutagenicity:	No data available	
Reproductive toxicity:	No data available	
Carcinogenicity:	None of the ingredients in this ink is listed by IARC as a carcinogen. (1,2A and 2B)	
STOT-single exposure:	Overexposure of eye may be mildly irritating. Overexposure of skin may cause irritation and in some people swelling and redness. Inhalation may result in respiratory irritation and anesthesia. Ingestion may cause an upset stomach.	
STOT-repeated exposure:	No data available	
Aspiration hazard:	No data available	

## 12. Ecological information

12.1. Toxicity:	No data available
12.2. Persistence and degradability:	No data available
12.3. Bioaccumulative potential:	No data available
12.4. Mobility in soil:	No data available
12.5. Results of PBT and vPvB assessment:	Has not carried out PBT and vPvB assessment.
12.6. Other adverse effects:	No data available

## 13. Disposal considerations

- 13.1. Waste treatment methods:  
Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

## 14. Transport information

- |   |   |
|---|---|
| 14.1. UN Class/UN Number:<br>ADR/ADG/DOT, IMDG, or IATA :                   | Not regulated   |
| 14.2. UN proper shipping name:<br>ADR/ADG/DOT, IMDG, or IATA :              | Not regulated   |
| 14.3. Transport hazard class(es):<br>ADR/ADG/DOT, IMDG, or IATA :           | Not regulated   |
| 14.4. Packing group:<br>ADR/ADG/DOT, IMDG, or IATA :                        | Not regulated   |
| 14.5. Environmental hazards:<br>ADR/ADG/DOT, IMDG, or IATA :                | Not regulated   |
| 14.6. Special precautions for user:   | Transport and storage of the product in accordance with general precautions and instructions mentioned in this SDS. |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and IBC code: | Not regulated   |

**15. Regulatory information**

## EU Information:

Chemical Safety Assessment according to (EC)1907/2006:

This product has not carried out any Chemical Safety Assessment yet.

## US Information:

Toxic Substances Control Act (TSCA): All components of this product are listed on the TSCA Inventory.

California Proposition 65: Not regulated

## SARA TITLE III:

Section 313: Not regulated

## Australia Information:

Hazardous statement: Not classified as hazardous according to NOHSC criteria.

**International Information:**

None of the ingredients in this ink is listed by IARC as a carcinogen. (1,2A and 2B)

**16. Other information**

List of relevant H-Statements in section 3: None

The information in this Safety Data Sheet (SDS) is believed to be correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is subject to revision as additional knowledge and experience is gained. Roland DG does not warrant the completeness or accuracy of the information contained herein.