

# SAFETY DATA SHEET No : 011 012A 012 013 015 016 GOLDEN BIRD CHASSIS GREASE Ver.1.0

#### I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: GOLDEN BIRD CHASSIS GREASE 00 0 1 2 3 Product Code: 011 012A 012 013 015 016

#### Manufacturer Name:

Company KS TOOLS Werkzeuge-Maschinen GmbH Seligenstädter Grund 10 - 12 63150 Heusenstamm Tel.: 06104 4974-0 Fax: 06104 4974-11 Mail: info@kstools.de

#### **Emergency telephone number**

Please contact the regional company representation in your country.

#### **II. HAZARDS IDENTIFICATION**

NFPA Ratings (Scale 0-4): Health=1 Fire=1 Reactivity=0

#### The Most Important Hazardous Effects:

1. Adverse Human Health Effects:

(For Long Term Exposure)

- · Inhalation : no information on significant adverse effects.
- Skin Contact : skin disorders.
- Eye Contact : irritation.
- Ingestion : no information is available.
- 2. Environmental Effects: no information is available.
- 3. Physical and Chemical Hazards: Mist or vapors can produce at elevated temperatures.
- 4. Specific Hazards: no information on significant adverse effects

#### Main Symptoms:

- 1. Inhalation: no information on significant adverse effects.
- 2. Skin Contact: skin disorders.
- 3. Eye Contact: irritation.
- 4. Ingestion: aspiration hazard, digestive disorders.

# **III. COMPOSITION, INFORMATION ON INGREDIENT**

#### 1. Product Identification:

Chemical Family: Petroleum Hydrocarbons Chemical Formula: Mixture Trade Name/Synonym: Not assigned



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#### 2. Component:

Ingredients CAS Number % by vol. Heavy Naphthenic Distillate 64742-52-5 < 99.0% Heavy Paraffinic Distillate 64742-54-7 (Bright Stock 64742-57-0)

# **IV. FIRST AID MEASURE**

#### **Emergency Procedures:**

#### Inhalation:

Remove personnel from exposure area to fresh air immediately. If breathing is difficult, give oxygen. If breathing ceases, use a oxygen rescuer or similar device to perform artificial respiration. Get medical attention immediately.

#### Skin Contact:

Remove contaminated clothing, jewelry and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains ( at least 15 20 minutes). If irritation or adverse symptoms develop, seek medical attention.

#### Eye Contact:

Flush eyes immediately with running water for at least fifteen minutes, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.

#### **Digestion:**

If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention.

Protection of First-aider: no information is available.

Notes to Physician: no information is available.

# **V. FIRE FIGHTING MEASURES**

Suitable Extinguishing Media: regular dry chemical, carbon dioxide, water, regular foam.

Large fires: Use regular foam or flood with fine water spray.

Specific Hazards: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

# **Special Fire Fighting Procedures:**

- 1. Firefighters should wear proper protective equipment stay upwind.
- 2. Move container from fire area and shut off source if it can be done without risk.
- 3. Cool containers with water spray until well after the fire is out.
- 4. Do not scatter spilled material with high-pressure water streams.
- 5. Keep unnecessary people away, isolate hazard area and deny entry.
- 6. Avoid inhalation of material or combustion by-products.

# **VI. ACCIDENTAL RELEASE MEASURES**

# **Personal Precautions:**

- 1. Avoid heat, flames, sparks and other sources of ignition.
- 2. Stop leak if possible without personal risk.
- 3. Reduce vapors with water spray.



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#### **Environmental Precautions:**

- 1. Eliminate all open flame in vicinity of spill or released vapor.
- 2. Stop the source of the leak or release.
- 3. Clean up releases as soon as possible.
- 4. Contain liquid to prevent further contamination of soil, surface water or groundwater.

#### Methods for Cleaning Up:

- 1. Clean up small spills using sand or other non-combustible material.
- 2. Collect spilled material in appropriate container for disposal.
- 3. Where feasible and appropriate, remove contaminated soil.
- 4. Follow prescribed procedures for reporting and responding to larger releases.

# **VII. HANDLING AND STORAGE**

#### Handling:

- 1. Wear protective equipment, if exposure conditions warrant.
- 2. Wash thoroughly after handling.
- 3. Use with adequate ventilation.
- 4. Handle in accordance with all current regulations and standards.

# Storage:

- 1. Keep away from heat, sparks and flames.
- 2. Store in well-ventilated area.
- 3. Store in a tightly closed container.
- 4. Store in a cool, dry place.
- 5. Bond and ground during transfer.
- 6. Keep separated from incompatible substances.
- 7. Storage in accordance with all current regulations and standards.

# VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

# **Engineering Control:**

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

# **Control Parameter:**

HAZARDOUS	TWA	STEL	CEILING
MATERIAL			
Mineral Oil Mist	ACGIH: 5 mg/ m <sup>3</sup>	NIOSH : 10mg/m <sup>3</sup>	-
	NIOSH: 5 mg/m <sup>3</sup>	UK OES : 10mg/m <sup>3</sup>	
	OSHA : 5 mg/m <sup>3</sup>		



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Personal Protection Equipment:

• Respiratory Protection:

Not generally required unless needed to prevent respiratory irritation. In case of spill or leak resulting in unknown concentration, use NOISH approved supplied air respirator.

• Hand Protection:

Wear appropriate chemical resistant gloves.

• Eye Protection:

Wear splash resistant safety goggles or face shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

• Skin and Body Protection:

Wear appropriate chemical resistant clothing. Remove any chemical soaked clothing immediately.

# IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid or solid	Form: brown high viscous liquid or solid
Color: green	Odor: no special odor
PH : Not available	BoilingRange: No data
Decomposition Temperature: No data	Flash Point::No data
	Test Method: Open Cup
Autoignition Temperature: No data	Flammable Limits: Notavailable
Vapor Pressure: Not available	Vapor Density: Notavailable
Specific Gravity: 0.86 ~0.91 g/cm <sup>3</sup> @60	Solubility: insoluble in water

# X. STABILITY AND REACTIVITY

#### Stability:

Stable at normal temperatures and pressure.

#### **Possible Hazardous Reactions:**

Will not polymerize.

#### **Conditions to Avoid:**

Avoid heat, flames, spark and other sources of ignition. Avoid contact with incompatible material.

#### Materials to Avoid:

strong oxidizing agents.

#### Hazardous Decomposition Products:

Oxides of carbon and various hydrocarbons formed when burned.

# **XI. TOXICOLOGICAL INFORMATION**

#### Acute Toxicity:

#### • Inhalation:

Mists or sprays of insoluble oils are not harmful to the respiratory tract, although worker discomfort may occur at oil mist level of 5 mg/m<sup>3</sup>.



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#### Skin Contact:

May cause hair follicules, comedomes, perifollicular papules and pustules. Some individuals may develop a skin sensitivity to petroleum products.

· Eye Contact:

Found to be moderately irritating to rabbit eyes.

• Ingestion:

Mineral oils may cause gastrointestinal disturbance such as diarrhea.

Local Effect: No data available.

Sensitization: No data available.

#### **Chronic Toxicity:**

Inhalation:

Repeated or prolonged contact with oils may cause fibrotic nodules, lipoid pneumonia, and lipid granuloma.

#### Skin Contact:

Repeated or prolonged contact may cause defatting of the skin which may result in dermatitis and effect as detailed in acute exposure.

• Eye Contact:

Repeated or prolonged contact with irritants may cause conjunctivitis.

· Ingestion: No data available.

Specific Effects: No data available.

# **XII. ECOLOGICAL INFORMATION**

Environmental Mobility: No data available.

# **XIII. DISPOSAL CONSIDERATIONS**

#### Subject to disposal regulations:

Dispose in accordance with all applicable regulations.

#### **XIV. TRANSPORT INFORMATION**

1. Marine transportation allowed.

2. Not Regulated for Sea Transport according to IMDG-Code.

# **XV. REGULATORY INFORMATION**

#### Suitable Regulations:

1. U.S. Regulations: TSCA Inventory Status: Y SARA Hazard Categories, SARA Sections 311/312(40 CFR 370.21): Acute: N Chronic: N Fire: N



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Reactive: N

OSHA Process Safety(29 CFR 1910.119): N

2. State Regulations: California Proposition 65: N

3. European Regulations: EC Number: Not assigned

# Other information

The information is based on the current state of our knowledge, however, it does not represent a guarantee of product characteristics and does not establish a contractual legal relationship.

# Division issuing the data sheet:

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