

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

GHS Product Identifier: Kafko Liquid Tuning Slide Grease CH12227

Synonyms: Bach Tuning Slide Grease 2942BSG

Use of substance/preparation:

A specialized lubricant

Company identification

Kafko International, Ltd.
3555 W Howard St
Skokie, IL 60076 USA

Emergency telephone number

Chemtrec (24hrs): 800-424-9300
Kafko: (8 am -4 pm CST) 847-763-0333

2. HAZARDS IDENTIFICATION

GHS Classification Not classified as dangerous under GHS-US

Label Elements: No Hazard Symbol Required
No Signal Word Required
No Hazard Statement Required
No Precautionary Statement Required

3. COMPOSITION/INFORMATION ON INGREDIENTS

| | | |
|-----------------|----------------|-----------|
| Mineral Oil | CAS 64742-65-0 | 90 – 95 % |
| Polyisobutylene | CAS 9003-27-4 | 5 - 10 % |
| Colorant | | Trace |

4. FIRST AID MEASURES

Swallowing

Do not induce vomiting. Obtain medical attention immediately. This is not a toxic substance.

Inhalation

No emergency care anticipated.

Skin

No emergency care anticipated. Wash skin with soap and water.

Eye contact

Flush eyes thoroughly with water for several minutes. Obtain medical attention if discomfort persists.

5. FIRE-FIGHTING MEASURES

NFPA CLASSIFICATION USA

| | | | |
|-----------|-----------------|---------------|-----------------------|
| Health: 0 | Flammability: 1 | Reactivity: 0 | Special provisions: - |
|-----------|-----------------|---------------|-----------------------|

Extinguishing media

Suitable: Extinguish with:
- dry chemical
- carbon dioxide (in case of small fires)
- water fog
- foam
- sand or earth

Unsuitable: Do not use water jet. Oil will float on water and can spread any fire.

Special fire fighting procedures

Do not direct a solid stream of water or foam into burning material; this may cause spattering and spread the fire.

Special protective equipment for firefighters

Self-contained breathing apparatus.

Unusual fire and explosion hazards

Following products may be produced during a fire: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment.

Environmental precautions

Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

Methods for cleaning up

Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. Stop the leak if it can be done without risk. Floor may be slippery; use care to avoid falling.

7. HANDLING AND STORAGE

HANDLING

Do not handle at temperatures $>+40^{\circ}\text{C}$, unless wearing appropriate protective equipment.

Ventilation

General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

STORAGE**Storage requirements**

Keep away from heat, sparks and flame. Do not store at temperatures: $>+40^{\circ}\text{C}$ without proper safety review of storage equipment. Store protected from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

| COMPONENT | COUNTRY | TYPE/REMARK | VALUE |
|------------------|---------|--|---|
| Mineral Oil Mist | | If used in a way that generates A "mist" observe the limits for Mineral Oil Mist. TWA (mist), ACGIH STEL (mist), ACGIH | 5mg/m ³ 10mg/m ³ |

OCCUPATIONAL EXPOSURE CONTROLS**Respiratory protection**

None expected to be needed. If used in a way that generates a vapor/mist, wear an organic vapor respirator.

Hand protection/protective gloves

Wear oil resistant gloves.

Eye protection

Face shield or chemical splash goggles in case of splashing.

Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

Environmental Exposure Controls:

Store in a second containment to catch leakages

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|-----------------|------------------------|
| Physical State: | Liquid |
| Color: | Red Viscous Liquid |
| Odor: | None or Mild Petroleum |
| Odor Threshold: | N/A |

Important health, safety and environmental information

| | |
|---------------------------|---------------------------------------|
| Flash Point: | 177°C Method: PMCC, ASTM D93 |
| Upper explosion limits: | Not determined |
| Lower explosion limits: | Not determined |
| Vapor Pressure: | <0.1 hPa at 20°C |
| Density: | 0.81 – 0.89 g/cm ³ at 20°C |
| Bulk Density: | Not applicable |
| Solubility in Water: | Insoluble |
| Kinematic viscosity: | 637 mm ² /s at 100°C, |
| PH: | N/A |
| Vapor Density: | N/A |
| Percent volatiles | Nil |
| Autoignition Temperature: | No Data |
| Melting Point: | N/A |

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions/Materials to avoid: Extreme temperature and direct sunlight/ultraviolet light and strong oxidizing agents.

Hazardous combustion products

Burning can produce the following combustion products: Oxides of carbon and Soot

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

GENERAL

No evidence of harmful effects from available information.

12. ECOLOGICAL INFORMATION

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with appropriate Federal, State and local regulations or incinerate.

14. TRANSPORT INFORMATION

ADR/RID/IMDG/ICAO

This product is not regulated by ADR / RID / IMDG / ICAO.

USA – This product is not regulated by DOT, Freight Description Road: 65 Petroleum Oil, N.O.I.B.N.
TDG-CANADA
This product is not regulated by TDG.

15. REGULATORY INFORMATION

EC/GHS classification

According to EC/GHS regulations this product is not classified or labeled

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in SDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

NONE

US State Regulations

Massachusetts Right To Know Components

| | |
|----------------------------|------------|
| Highly refined mineral oil | 64741-89-5 |
|----------------------------|------------|

Pennsylvania Right To Know Components

| | |
|----------------------------|------------|
| Highly refined mineral oil | 64741-88-4 |
| Highly refined mineral oil | 64742-65-0 |
| Alkylene copolymer | 9010-85-9 |
| Highly refined mineral oil | 64741-89-5 |

New Jersey Right To Know Components

| | |
|----------------------------|------------|
| Highly refined mineral oil | 64741-88-4 |
| Highly refined mineral oil | 64742-65-0 |
| Alkylene copolymer | 9010-85-9 |
| Highly refined mineral oil | 64741-89-5 |

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

EPA Hazard Categories (SARA 311, 312): None

WHMIS Classification: This product is not a WHMIS controlled product.

Chemical Inventory

| | |
|-----------------------|--|
| <u>Canada:</u> | The ingredients of this product are on the DSL. |
| <u>Europe:</u> | The ingredients of this product are on the EINECS inventory. |
| <u>United States:</u> | The ingredients of this product are on the TSCA inventory. |
| <u>Australia:</u> | The ingredients of this product are on the AICS inventory. |
| <u>China:</u> | This product is on the IECSC inventory. |
| <u>Japan:</u> | The ingredients of this product are on the ENCS inventory. |
| <u>Korea:</u> | This product is listed on the Existing Chemicals List (ECL). |
| <u>Philippines:</u> | This product is on the PICCS. |

16. OTHER INFORMATION

Recommended uses and restrictions

Please consult the product and/or application information bulletins for this product.

Further information, Europe

Where appropriate, use CE approved personal protection equipment.

This Safety Data Sheet conforms to EC Directive 1907/2006 and amendments

NOTICE TO READER

THE INFORMATION IN THIS SAFETY DATA SHEET (SDS) WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED REGARDING ITS CORRECTNESS OR ACCURACY. SOME INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE SUBSTANCE ITSELF. THIS SDS WAS PREPARED AND IS TO BE USED ONLY FOR THIS PRODUCT. IF THE PRODUCT IS USED AS A COMPONENT IN ANOTHER PRODUCT, THIS SDS INFORMATION MAY NOT BE APPLICABLE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE OR APPLICATION.

THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE, AND/OR DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR ANY LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.