

SAFETY DATA SHEET

DYNA-SLIP

Compilation date:20/11/2020

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Dyna-Slip

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

Use of substance / mixture: Anti-seize lubricant and anti-corrosion grease.

1.3. Details of the supplier of the safety data sheet

Company name and address:

Bilt Hamber Laboratories
Swift House
Ground Floor 18 Hoffmanns Way
Chelmsford
Essex,
United Kingdom
CM1 1GU
Tel: 01277 658899
Email: sales@bilthamber.com

1.4. Emergency telephone number

01277 658899 (office hours only)

Section 2: Hazards identification

GHS Classification: Not classified as hazardous.
Hazard statement: Not classified as hazardous.

Section 3: Composition/information on ingredients

3.2. Mixtures (Chemical Characterisation)

Hazardous Ingredients: None

Note: specific chemical identities and/or exact percentages have been withheld as a trade secret.

Section 4: First aid measures

4.1. Description of first aid measures

Immediate treatment:

Eye contact

May cause eye irritation. Flush with large amounts of water for at least 20 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

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Skin contact

Wash skin thoroughly with soap and water after handling. Prolonged or repeated contact may cause dermatitis (skin irritation). If hot material contacts skin, immediately cool before attempting removal. Cool with water or ice. Apply topical dressing. Severe blistered burns should be treated by a physician.

Inhalation

Remove to fresh air. If breathing is difficult, give oxygen and call a physician.

Ingestion

Do not induce vomiting. Seek medical attention immediately. Contact a physician and provide with the SDS.

NOTE TO PHYSICIANS

Treat symptomatically.

Section 5: Fire-fighting measures**5.1. Extinguishing media****Extinguishing media**

Use alcohol resistant foam, carbon dioxide or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct stream of water into the hot burning liquid.

Explosion and/or fire hazards

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Firefighting methods and protection

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.

Hazardous combustion products

Sulphur oxides, Oxides of carbon..

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions, protective equipment and emergency procedures**

No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in section 8 of this SDS.

Methods and materials for containment and cleaning up

Collect and discard in accordance with the local, national or international regulations.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure.

Conditions for safe storage, including an incompatibilities

Store in a cool dry place. Isolate from incompatible materials.

Incompatible materials

Strong oxidising agents.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Ventilation required

None normally required. Provide general room exhaust ventilation if symptoms of overexposure occur. A respirator is not normally required

Skin protection

Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves e.g. neoprene. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving work.

Eye protection

Wear chemical safety goggles and/or a face shield when handling this product.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 25 °C:	Brown viscous gel.
Odour:	mild petroleum.
Vapour pressure at 20 °C (mm Hg):	>0.0003.
Vapour density (air = 1):	Not applicable.
Viscosity:	120,000 cP
Solubility in H2O at 25 °C:	negligible.
Flash point (ASTM D-92):	185°C.
Auto ignition temperature:	No data available.
Flammability limits in air:	No data available.
Volatile (by weight %):	0.
Specific Gravity:	1.08.

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Section 10: Stability and reactivity

10.1. Reactivity

This product is stable and not subject to hazardous polymerization.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Incompatible materials

Strong oxidising agents.

Conditions to avoid

Contamination.

Hazardous decomposition products

Under normal conditions of use and storage, decomposition and hazardous decomposition products are unlikely.

Section 11: Toxicological information

11.1. Information on toxicological effects

Likely Routes of Entry

Skin contact, eye contact and inhalation of mist.

Target organs potentially affected by exposure

Eyes, Respiratory system and skin.

Chemical interactions that change toxicity

No chemical interactions known to affect toxicity.

Medical conditions Aggravated

Skin contact may aggravate existing skin disease.

Immediate (Acute) Health effects by Route of Exposure

Inhalation Irritation Can cause minor respiratory irritation

Skin Contact Can cause minor skin irritation, defatting and dermatitis.

Eye Contact Mild eye irritant

Ingestion Irritation Ingestion is not considered a likely route of exposure. If swallowed consult a physician.

Ingestions Toxicity Not believed to have any significant toxicity.

Long term (Chronic) health effects

Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

Inhalation:

Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin contact:

Upon prolonged or repeated contact, can cause minor skin irritation, defatting and dermatitis.

Ingestion:

Under normal industrial usage conditions, ingestion is highly unlikely.

Component Toxicology Data

No data available.

Continue...

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Section 12: Ecological information

No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste description for spent product

Spent or discarded material is not expected to be a hazardous waste.

Disposal Methods

Dispose of in accordance with local, national or international regulations.

Section 14: Transport information

14.1: Land Transport (ADR/RID)

Not regulated for transport.

Proper shipping Name: Rust preventative / Non-hazardous.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or

EU labelling:

EU labelling:

Symbols:

None

R phrases:

None

S phrases

36/37/39

'wear suitable clothing protective /wear suitable gloves/wear eye/face protection'

24/25

'avoid contact with skin/ avoid contact with eyes'

26

'in case contact of with eyes rinse with plenty of water and seek medical advice'

28 (soap and water)

'after contact with skin, wash immediately with plenty of "soap and water'

Chemical Inventory Information:

All the components of this product are listed in the following chemical inventories: TSCA (United States) EINECS (European Union), ENCS (Japan), AICS (Australia), DSL (Canada), NEPA (China), ECL/MOE (Korea), TSL (New Zealand), MAL (Denmark)

Section 16: Other information

Comments: This product has not been tested in long term, chronic exposure, therefore, the handling procedures and safety precautions in the SDS should be followed to minimize employee exposure.

CAUTION: May cause skin and eye irritation. Do not swallow. Avoid eye and skin contact. Wash thoroughly after handling. Avoid contact with clothing. Wash clothing before reuse. Keep out of reach of children. Keep containers tightly closed when not in use. Avoid breathing mists or sprays of this product or its solutions.

Disclaimer: The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, although it is believed to be accurate at time of publication. Users of the product referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at time.