

SLIP-IT

1. IDENTIFICATION OF SUBSTANCE/COMPANY:

PRODUCT NAME: SLIP-IT SILICONE GREASE LUBRICANT.

INTENDED USE & SPECIFICATION:

SLIP-IT is a top quality Silicone Grease Lubricant. Formulated to meet the widest range of applications. Slip-It is ideal for use as a mould release or dry lubricant on any steel, plastic, glass, rubber, wooden surfaces. Slip-It is long lasting and has a wide temperature range -40°C to 250°C . Slip-It is used widely in the food industry, wood-working industry, rubber/plastic/leather trades. Slip-It is ideal for use on coin operated machines.

MANUFACTURER:

Action Can Ltd.,
Dixon Close,
Old Boston Trading Estate,
Haydock, St. Helens,
Merseyside. WA11 9SF

SUPPLIER:

Progress Group Ltd.
Quest House
London Rd.
Faiford
Gloucestershire, GL7 4DS

2. HAZARDS IDENTIFICATION:

Extremely flammable (Refers to propellant not silicone base)

Repeated exposure may cause skin dryness/irritation.

SECONDARY HAZARDS

Toxic to aquatic organisms/may cause long term effects in the aquatic environment.

Inhalation may cause dizziness/nausea/upper respiratory irritation.

Eye contact may cause irritation/redness.

Ingestion may cause irritation/nausea/vomiting/diarrhoea.

Vomiting may cause product to enter lungs which may cause chemical pneumonia.

3. INFORMATION ON INGREDIENTS/COMPOSITION NON-HAZARDOUS INGREDIENTS MAY NOT BE LISTED:

INGREDIENTS:	CAS NO:	EINECS NR:	RISK PHRASES	QUANTITY
Silicone Fluid	63148-62-9	-	-	50-90%
Butane	106-97-8	203-448-7	R12	5-20%

The full text for all risk phrases are listed in Section 15/16.

4. FIRST AID MEASURES:

SKIN:

Wash skin with soap and water seek medical attention if irritation occurs.

EYES:

Ensure contact lenses are removed, rinse eyes with clean cold water or eye rinse fluid, ensure to lift eyelids to flush product from underside of eyelids, continue to rinse until irritation subsides (10-15 mins). Seek Medical attention if discomfort continues.

INGESTION:

Accidental ingestion is an unlikely event. Deliberate ingestion call a doctor. Do not induce vomiting, rinse mouth with water and give water or milk to drink if person is not unconscious.

INHALATION:

Ensure airway is clear and free from any obstruction. Move person to fresh air at once. If breathing is difficult properly trained personnel may assist affected person by administering 100% oxygen. Keep person warm and at rest, seek medical attention if breathing stops or shows signs of failing apply mouth to mouth ventilation.

5. FIRE FIGHTING MEASURES:

Store products away from sources of ignition. In the event of fire, remove if possible all unaffected product away from risk. Cool stocks of unburning product with water mist to reduce the possibility of aerosol cans exploding.

Extinguish burning material with CO2/Dry Foam/Sand.

DO NOT USE WATER

Special exposure hazard - Fire will produce smoke containing combustion products which may be a health hazard. Appropriate self-contained breathing apparatus may be required. Avoid run off from fire entering fresh water drainage system.

6. ACCIDENTAL RELEASE MEASURES:

PROCEDURES FOR LEAKS OR SPILLAGE:

Place leaking aerosol cans in a bucket or similar container.

Personal Precautions - Exclude non-essential Personnel. Avoid breathing fumes. Wear skin protection. Wear eye protection. Remove all sources of ignition and ventilate the area.

ENVIRONMENTAL PRECAUTIONS - Do not allow to enter drains or water courses. Soak up large spills with sand and place in a suitable container for later disposal in accordance with local waste regulations.

METHOD OF CLEANING UP SPILLS:

Contain and collect spills with absorbent materials sand/earth/vermiculite/diatomaceous earth. Place in a suitable container for disposal.

In the event of a large scale spill resulting from transport collision. Exclude vehicles, contaminated surfaces will be very slippery.

Affected areas should be covered in sand/sawdust or suitable absorbent.

Do not wash or rinse into the environment or drains, later remove contaminated absorbent to waste disposal site.

Marine spills should be dealt with in accordance with pollution control procedures relevant to the products classification.

7. HANDLING AND STORAGE:

HANDLING:

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

Use only in areas from which all sources of heat, sparks and open flame have been excluded.

Avoid skin and eye contact.

Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking should be prohibited in areas of use and storage.

READ DIRECTIONS FOR USE PRINTED ON EACH UNIT OF ISSUE.

STORAGE:

Store below 50°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

NO SMOKING.

Observe the label precautions.

Store separately from strong oxidising agents and strongly alkaline and strongly acidic materials.

SPECIFIC USES - SEE SECTION ONE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

INGREDIENT NAME:	OES/MEL	8HR TWA
Butane/Propane	OES	600 ppm
		15 MINS STEL

ENGINEERING MEASURES:

Provide adequate ventilation to maintain the flammable vapour concentration well below the OES ensure the airborne concentration of substances to which an OES has been assigned is below the OES (Occupational Exposure Standard).

REFER TO EH40/2002.

RESPIRATORY PROTECTION/VENTILATION:

Provide adequate local exhaust ventilation. No specific respiratory protection recommendations are made, but respiratory protection must be used if the general level exceeds the OES Stated.

HAND PROTECTION:

Hand protection is advised when skin is in regular contact with Slip-It. Factory/industrial users are advised to wear non-porous protective gloves, solvent resistant variety advised.

EYE PROTECTION:

Avoid spray from aerosols entering eyes. Safety Glasses are advised for Factory/Industrial users of the product.

SKIN PROTECTION:

Wear appropriate clothing to prevent the possibility of Slip-It contact with skin. Do not place cleaning cloths contaminated with Slip-It into overall pockets.

HYGIENIC WORK ROUTINES:

Do not smoke in the work area or when using Slip-It. Wash hands/face at the end of each shift and before eating/smoking/using toilet. Remove promptly any clothing contaminated with Slip-It and wash skin to remove traces of product. Do not eat or drink when using Slip-It.

ENVIRONMENTAL EXPOSURE CONTROLS:

Dispose of material contaminated with Slip-It in accordance with local waste disposal regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE:	Liquid contained in steel aerosol canister.
APPEARANCE:	Colourless Oil.
ODOUR:	Hydrocarbon.
pH:	Not applicable.
FLAMMABILITY:	LEL 0.8 (% Vol in Air at 25°C) UEL 9.0
AUTOFLAMMABILITY:	>275°C. Refers to bulk oil
EXPLOSIVE PROPERTIES:	None.
OXIDISING PROPERTIES:	None.
CAN PRESSURE:	2.41 bar
RELATIVE DENSITY:	Not applicable.
VOC CONTENT:	55gm/100ml
SOLUBILITY (WATER) :	Insoluble.
SOLUBILITY (SOLVENT):	Soluble in aliphatic hydrocarbons.

ACCIDENTAL RELEASE INTO THE ENVIRONMENT SEE SECTION 6.

10. STABILITY AND REACTIVITY:

STABILITY:	Stable.
CONDITIONS TO AVOID:	Naked flames, red hot surfaces, other high temperature sources that may induce thermal decomposition.
INCOMPATIBILITY (Materials to Avoid):	Oxidising agents, strong acids, strong alkalis.
HAZARDOUS DECOMPOSITION	In a fire, hazardous decomposition products such as smoke, carbon monoxide,

PRODUCTS: carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION:

INGREDIENT: LD50 (Animal/Oral)

PENTANE >16g/Kg (Rat)

There is no data available on the specific product itself.

Exposure to organic solvent vapours may result in adverse health effects on the renal and central nervous systems.

Symptoms can include: headache, dizziness, fatigue, muscular weakness, drowsiness, in extreme cases, loss of consciousness.

Splashes in the eyes may cause irritation and reversible local damage.

Solvent vapour in high concentrations can cause intoxicification, headache, nausea, and in extreme cases, coma.

Ingestion may cause irritation of mouth, throat and digestive tract causing vomiting and abdominal pain.

Pentane is moderately irritating to skin and eyes.

12. ECOLOGICAL INFORMATION:

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

The Air Pollution Control requirements of Regulations made under the Environmental Protection Act may apply to the use of this product.

Pentane is practically non-toxic in the environment and aquatic environment.

MOBILITY - Slip-It is water insoluble. Slip-It will spread over surface water and will slowly evaporate and slowly biodegrade. Slip-It in soil will be absorbed by the upper layers and will biodegrade slowly.

REFER TO SECTION 6 FOR ENVIRONMENTAL RELEASE MEASURES.

13. DISPOSAL CONSIDERATIONS:

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with Regulations made under the Control of Pollution Act.

Using the information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

EMPTY AEROSOL CANS SHOULD NOT BE PUNCTURED OR INCINERATED. BURY IN LANDFILL IN ACCORDANCE WITH LOCAL REGULATIONS AND HAVING DUE REGARD TO ENVIRONMENTAL PROTECTION LEGISLATION.

14. TRANSPORT INFORMATION:

NOTES: EXEMPT FROM CONTROL AS LIMITED PROVISIONS APPLY

LABEL FOR CONVEYANCE: FLAMMABLE GAS

UK ROAD TRANSPORT CLASS: 2.1

UK ROAD PACK GR : N/A

ADR CLASS NO: 2.1 GASES; COMPRESSED, LIQUEFIED, DISSOLVED UNDER PRESSURE.

ADR CLASS: DIVISION 2.1 FLAMMABLE GAS

ADR ITEM NO: 5F

ADR MARGINAL: 2201

ADR LABEL NO: 2.1

CEFIC TEC (R) NO: 20G53

SHIPPING NAME: AEROSOLS

RID CLASS NO: 2.1

RID ITEM NO: 5F

UN NO SEA: UN1950 EEC TARIFF NO 340399-10

MFAG TABLE NO: REFER TO GUIDE

ISSUE DATE: JULY 2010
SLIP-IT: SILICONE GREASE LUBRICANT

MARINE POLLUTANT: NO
UN NO. AIR: UN1950
ICAO CLASS: 2.1
AIR PACK GR: N/A

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY: R12 EXTREMELY FLAMMABLE

RISK PHRASES: SAFETY PHRASES:
S2 Keep out of the reach of children.
S16 Keep away from sources of ignition - no smoking
S23C Do not breathe vapour/spray.
S51 Use only in well ventilated areas.

REGULATORY REFERENCES: The control of Substances Hazardous to Health Regulations 1988.
Chemical Hazard Information and Packing Regulations 1993.
Rivers (Prevention of Pollution) Act 1961.
Control of Pollution (Special Waste Regulations) 1980.
Chemicals Hazard (Information and Packing) Regulations.
Classification and Labelling of Substances and Preparations Dangerous for supply.
Occupational Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS (G)37.
C.H.I.P. for everyone HSG (108).

16. OTHER INFORMATION:

The information contained in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. It does not constitute the user's own assessment of work-place risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

The product should not be used for purposes other than those shown in Section 1. without first referring to the supplier and obtaining written handling instructions. As the specific conditions of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

OES/MEL values are obtained from the current issue of EH40 unless indicated thus (Sup) when a value has been obtained from the supplier.

We believe the statements/technical information and recommendations contained herein are reliable. However, the information is provided without warranty expressed or implied. It is the users responsibility both to determine safe conditions for use of this product and assume loss damage or expense direct or consequential arising from use of this product. Before use always read the product label and H & S text.

Further information and advice can be found in the following publications:

THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 1988 (SI 1988 : 1657)
STORAGE OF PACKAGED DANGEROUS SUBSTANCES HS(G)71.
THE ENVIRONMENTAL PROTECTION (DUTY OF CARE) REGULATIONS 1992 (SI 1992 : 2839).
THE HIGHLY FLAMMABLE LIQUIDS AND LIQUIFIED PETROLEUM GASES REGULATIONS 1972 (SI 1972 : 917).
STORAGE OF FLAMMABLE LIQUIDS IN CONTAINERS HS(G)51.

THIS PRODUCT SHOULD BE STORED, HANDLED AND USED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICES AND IN CONFORMITY WITH LEGAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON THE CURRENT STATE OF OUR KNOWLEDGE AND IS INTENDED TO DESCRIBE PRODUCTS FROM THE POINT OF VIEW OF SAFETY REQUIREMENTS AND THUS SHOULD NOT BE CONSTRUED AS GUARANTEING SPECIFIC PROPERTIES.