



MATERIAL SAFETY DATA SHEET

MSDS No. HT0/N2

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1. IDENTIFICATION OF THE SUBSTANCES/PREPARATION AND THE COMPANY

Product Name: **HT 000 and HT 00 GELS**
Recommended Use: Lubrication of bearings and joints in food, pharmaceutical and other industrial machinery.
Supplier: Slipstream Synthetic Lubricants Co Ltd., PO Box 3, Bexhill-on-Sea, East Sussex, TN39 4JF. UK
Email: Slipstream@lubricants.fsnet.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION: Not classified as hazardous according to EEC Directives.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION: Synthetic hydrocarbons together with plasma solids and other additives. The product does not contain any dangerous substances in a concentration that requires it to be classified as hazardous.

4. FIRST AID MEASURES

EYES Flush thoroughly with water and obtain medical attention if irritation persists.
SKIN Wash with soap and water. DO NOT use petrol or solvents. Infrequent or short term contact requires immediate action. If a high pressure injection injury has occurred, obtain medical attention immediately
no
INHALATION Not expected to be a problem with any foreseeable use/misuse of this product.
INGESTION Not expected to be a problem with this type of product. If appreciable quantity is swallowed, drink one or two glasses of water or milk and seek medical aid. DO NOT induce vomiting. The danger here is possible aspiration of vomited product into the lungs.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO₂, dry chemical, foam, BCF, water fog. DO NOT USE WATER JET.
PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus.
EXPOSURE HAZARDS: Product contains plasma solids which emit toxic and corrosive fumes under burning conditions.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENT Prevent entry of spillages into waterways and sewers.
CLEANING UP Scrape up or absorb onto inert material for disposal according to national or local regulations.

7. HANDLING AND STORAGE

HANDLING No special precautions normally required but avoid contact with eyes and unnecessary contact with skin. **DO NOT SMOKE.** SEE SECTION 11..
STORAGE Store in suitable labelled closed containers in a dry area away from sources of direct heat. Store below 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS No official exposure limit for this material.
EYES If eye contact is likely, wear goggles or safety glasses with side shields.
SKIN Short term exposure is not considered hazardous. If prolonged contact is envisaged wear protective gloves.
INHALATION No special requirements under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Homogeneous white gel, semi solid at ambient temperatures
ODOUR	Characteristic.
SOLUBILITY	Insoluble in water.
FLASH POINT	Above 220°C (base oil).
DROPPING POINT	N/A. Product flows at ambient temperature.
DENSITY	0.85 - 0.95 kg/l.
VAPOUR PRESSURE:	Negligible under normal atmospheric conditions.

10. STABILITY AND REACTIVITY

STABILITY	Stable.
INCOMPATIBILITY	Avoid strong oxidising agents.
POLYMERISATION:	Will not occur.
THERMAL DECOMPOSITION	Oxides of carbon, water vapour, soot, unburnt hydrocarbons. Compounds of nitrogen, sulphur, phosphorus and fluorine.

11. TOXICOLOGICAL INFORMATION

EYES	May cause mild irritation but does not injure eye tissue.
SKIN	Repeated and/or prolonged contact will defat the skin and may cause mild irritation or dermatitis in some individuals. The product is not considered to be a dermal sensitizer.
INHALATION	Not expected to be a problem with this type of product.
INGESTION	Acute oral toxicity (LD ₅₀ rat) >5000 mg/kg (based on data for components).
CARCINOGENICITY	The product does not contain any substance listed by OSHA, NTP or IARC Monograph as a carcinogen.
SPECIFIC HAZARDS	The plasma solids produce fumes containing toxic and corrosive compounds of fluorine under burning conditions. DO NOT SMOKE or allow traces of the material to contaminate cigarettes or tobacco.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE	Will float on water and eventually sink. Components have very low solubility.
PERSISTENCE	Not readily biodegradable. Will persist in anaerobic conditions and dissolved components may bioaccumulate.
TOXICITY	Ecotoxicological effects have not been established.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL Do not dispose of to soil, drains or watercourses. Dispose of to a licensed waste contractor.

14. TRANSPORT INFORMATION

CLASSIFICATION	Not classified as hazardous under RID/ADR, ADN/R, IMDG or ICAO/IATA regulations.
EEC	Not dangerous for conveyance.

15. REGULATORY INFORMATION

EEC CLASSIFICATION	Not dangerous for supply. Symbols: None R- Phrases: None S-Phrases: None
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16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC.

The information contained in this Material Safety Data Sheet is based on the best information available to the Company and is accurate to the best of the Company's knowledge. However, Slipstream makes no representation or warranty regarding the information and it is not intended to be all-inclusive. It is the user's responsibility to ensure that he has all the information necessary to satisfy himself that the material is safe to use under the prevailing conditions.