

DRYPET

DRY FILM LUBRICANT AEROSOL

Product Description

DRYPET is a dispersion of Molybdenum Di-sulphide in a fast-drying solvent system with a minimum amount of binder. The resultant film has superior adhesion and exceptional wear life. This solid film lubricant prevents galling and seizing of mating metal surfaces under operating conditions of high load and slow speeds.

DRYPET is effective from -74 °C to 400 °C.

Recommended Usage

DRYPET is an excellent general purpose dry lubricant for a variety of uses. A thin film of DRYPET will allow effective assembly and disassembly of threaded connections without galling or seizing. In machine shops, apply to bed ways, guides, lead screws, dead centers etc, for smooth trouble-free operations. New and rebuilt parts treated with DRYPET will break-in with low friction and no surface damage during start up.

Applications

Surface to which coating is to be applied should be clean and dry. Oil or grease films should be removed by solvent cleaning or vapor degreasing. If surfaces are heavily corroded or rusty, remove by mechanical or chemicals means.

Typical Properties

PROPERTIES	TYPICAL RESULTS
Colour	Dark Grey
Coefficient of friction	0.23 (Static)
Flash point	None
Layer Thickness	7-15 micron
Temp.Range	-74°C to 400 °C
Binder	Inorganic i.e. (Not Sodium Silicate)

Available Packs: - 400 ML / 500 ML Aerosol packs.

Shelf Life – 36 Months from the manufacturing.

*All related specifications are meets or exceeds.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

1. PRODUCT AND COMPANY IDENTIFICATION

Product DRYPET SPRAY
Supplier PETREL PLUS INC
One World Center, Tower One,
9TH floor, Senapati Bapat Marg
Lower Parel Mumbai-400064, Maharashtra.
Call # +91 22 6216 7072
(Monday to Friday)
Cell # +91 93522 25457
marketing@petrelplus.com
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2. COMPOSITION

BUTANE (10-30%), PROPANE (10-30%), BENZENE, 1, 2,4-TRIMETHYL, SOLVENT NAPHTHA, PETROLEUM, LIGHT, MOLYBDENUM DISULPHIDE MoS₂, THERMOPLASTIC METHA-ACRYLATE.

3. HAZARDS IDENTIFICATION

HAZ Code B

4. FIRST-AID MEASURES

RESPIRATORY SYSTEM Remove to fresh air and get medical attention.

INGESTION Do not induce vomiting. Wash mouth out with water and obtain medical attention.

EYES Rinse immediately with plenty of water for at least 10 minutes. Get Medical Attention.

SKIN Remove contaminated clothing. Wash affected area with soap and water, get medical attention.

5. FIRE-FIGHTING METHODS

Foam, carbon dioxide or dry power

6. ACCIDENTAL RELEASE MEASURE

Contain and absorb in sand or earth. Ensure no material enters drains or water courses. Dispose of as solid waste in accordance with the relevant waste disposal regulations.

7. STORAGE AND HANDLING

Store in delivery packs in a cool dry place

HANDLING

At ambient temperatures wear gloves overalls and eye protection. The work area should be adequately ventilated. No eating drinking or smoking in the work area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standard: The substance with exposure limit is: Notation 1:

Exposure Standard: 2nd substance with exposure limit is: Notation 2

PERSONAL PROTECTION

Respiratory Protection:

Type of Cartridge (if Applicable):

Eye Protection: Safety Spectacles

Hand Protection: Gloves butyl or nitrile rubber

Industrial Hygiene: No eating drinking or smoking in the work area Ventilation: At room temperature handle in a wellventilated area. Use exhaust ventilation if exposure to flume or aerosol can occur.

PROTECTION AGAINST FIRE AND EXPLOSION AEROSOL FLAMMABILITY: EXTREMELY FLAMMABLE, OSHA CLASS 1A FLAMMABLE
LIMITS: LEL: 1.2 UEL: NO DATA Unusual

EC SAFETY PHRASES Not classified as hazardous.

9. TYPICAL PROPERTIES:

Color -Dark Grey
Coefficient of friction -0.23 (Static)
Layer Thickness -7-15 micron
Temperature Range -74°C to 400 °C

10. STABILITY AND REACTIVITY

HAZARDOUS REACTIONS

Comments

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition produces noxious fumes.

11. TOXICOLOGICAL INFORMATION

LD50 Acute Oral Toxicity: > 5000: mg/Kg: Rat

LC50 Acute Inhalation: mg/1:

Eye Irritation: No: Rabbit

Skin Irritation: No.: Rabbit

Sensation: No:

Further Information:

12. ECOLOGICAL INFORMATION

LC50 (96 Hour): mg/1

EC50 (24 Hour): mg/1

Biodegradability (Coupled units):

13. DISPOSAL CONSIDERATIONS

Solid material should be incinerated. Material absorbed on sand should be disposed of as solid waste.

14. TRANSPORT INFORMATION

IMDG No.: Not classified

Packing Groups: IATA-DGR

Class No.: Not classified

TREMCARD: Not classified

RID/ADR Class No.: Not classified

Other Information

15. REGULATORY INFORMATION

Classification and labeling according to EC Directives 67/548

Not classified as hazardous.

EC Risk Phrases Not classified as hazardous.

Other Hazardous EC Safety Phrases Not classified as hazardous.

16. OTHER INFORMATION PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: - Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.