

1. PRODUCT NAME, COMPANY IDENTIFICATION AND USES

Product Name: EXPERT EP 2 GREASE

Supplier: M/S. EXPERT LUBRICANTS
5, MAHAVIR TOWER, SECTOR -6,
GHANSOLI, NAVI MUMBAI - 400 701. INDIA.

Emergency Telephone : +91 77383 42557

24 Hour Emergency Telephone : +91 77383 42557

Recommended use of the chemical and restrictions on use

Recommended use : Automotive and Industrial Grease

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name / Ingredients | % by wt. | Hazardous | CAS No. |
|-----------------------------|----------|-----------|--|
| Lithium Hydroxide | 0.4 - 2 | Yes | 1310-66-3 |
| Mineral Oil | 82 - 95 | Yes | 64742-52-5 64741-88-4 64742-54-7 64742-01-4 |
| 12 HSA | 4 - 10 | No | 106-14-9 |
| HCO | 1 - 5 | No | 8001-78-3 |
| Additives | 0 - 3 | Yes | Proprietary Mixture |
| Zinc dialkyldithiophosphate | 0 - 2 | Yes | 68457-79-4 |
| Additives | 0 - 3 | Yes | 68511-50-2 |

3. HAZARDOUS IDENTIFICATION

Main Hazard : Health Effects
Route of Entry : Eyes, Ingestion, Skin
Eye Contact : Direct contact may cause irritation, redness, tearing and blurred vision.
Ingestion : Relatively non-toxic, May cause diarrhea.
Skin Contact : Mildly irritating. May cause possible rash for person with hypersensitivity.

4. FIRST AID MEASURES

Eye Exposure: Immediately flush with plenty of water until all residual material is gone. If irritation persists get medical help.

Ingestion: Not expected under normal condition. Do not induce vomiting. Wash out mouth. Contact physician immediately.

Skin Contact: Remove by wiping or with waterless hand cleaner, followed by washing with soap & water. If irritation persists get medical help.

Inhalation: Not expected under normal condition. If mists or degradation products are inhaled, remove to fresh air. Administer oxygen or artificial respiration as indicated and get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammability: Nil at ambient temperature

Explosion Limits: None. Flammable limits LEL: N/A, UEL: N/A

Extinguishing Media: Use dry chemicals, foam, halon, carbon dioxide, sand, earth or water mist.

Flash Point: > 200°C (392° F)

Hazardous Combustion Products: Oxides of carbon, smoke and irritating vapours as products of incomplete combustion.

Protective Equipment: Self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Spillage: Avoid walking through spilled material. Scoop or wipe up spilled material and place in clean container for later disposal. Thoroughly remove residue to prevent slipping. Prevent entry into waterways and sewers. Wear appropriate protective equipment (i.e. rubber gloves, apron etc. as necessary to avoid contact).

7. HANDLING AND STORAGE

Handling Procedures: Wear chemical resistant gloves and boots. Where risk of splashing, also wear apron.

Keep away from heat, sparks, flames or strong oxidizers when handling. Avoid skin and eye contact. Do not pressurize, cut, heat or weld empty containers.

Storage Equipments: Store in cool, dry, well ventilated place away from ignition sources and incompatible material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required under normal working condition

Eye protection: Use approved safety glasses or goggles

Skin Protection: Impervious gloves and protective clothing to prevent skin contact

Exposure Limits: This product does not contain any components which have recognised exposure limits.

9. PHYSICAL & CHEMICAL PROPERTIES

| No | Test | Results |
|----|----------------|--------------------|
| 1. | Physical State | Solid |
| 2. | Form | Paste |
| 3. | Colour | Yellow/Amber |
| 4. | Base Oil | Mineral |
| 5. | Density | 0.88 - 0.95 Kg/L |
| 6. | Solubility | Insoluble in water |
| 7. | Flash Point | > 200°C (392°F) |
| 8. | Melting Point | > 180°C (356°F) |

10. STABILITY AND REACTIVITY

Stability (thermal, light etc.): Stable

Hazardous Decomposition Products: May release Carbon Dioxide and Carbon Monoxide when heated to decomposition.

Materials to avoid: Strong acids and oxidizing agents

Conditions to avoid: Powerful sources of ignition, extreme temperatures

11. TOXICOLOGICAL INFORMATION

Effect of Long Term (Chronic) Exposure: Long term dermal application may produce skin irritation. Elevated temperatures or mechanical action may form vapors or fumes. Inhalation of oil mists or vapors from hot oil may cause irritation of the upper respiratory tract.

12. ECOLOGICAL INFORMATION

Possible Effects: Highly unlikely to cause widespread contamination. Avoid exposure to environment whenever Possible.

13. DISPOSAL CONSIDERATION

Dispose of this material in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Not regulated

Transportation is not Dangerous.

15. REGULATORY INFORMATION

The MSDS contains all the information required.

16. OTHER INFORMATION

None

DISCLAIMER : These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.