

MATERIAL SAFETY DATA SHEET

Product	: FLUX FX Diesel Engine Oil series
Usage	: Automotive Lubricant
Appearance	: Bright & Clear
Manufacturer's name	: RBM LUBRICANTS
Address	: Jayramdanga Khaskutti Road, P.O - Barbani, Dist. - West Burdwan – 71334, West Bengal
Phone Number	: 7478146164
E Mail / Website	: rbmlubricants@gmail.com / www.fluxlubricants.com

1. COMPOSITION / INFORMATION ON INGREDIENTS

Component Name	CAS No.	Conc. (% w/w)
Special additive		0-10%
High Refine Base oil		90-100%

2. HAZARD IDENTIFICATION

Potential Health Effects	Appearance : Bright & Clear Physical State : Liquid
Principal Routes of Exposure	: Eye contact, Skin contact, Inhalation, Ingestion
Acute Toxicity	
Eyes	: Irritating, but will not permanently injure eye tissue
Skin	: Substance minimally irritating upon direct contact. May cause slight irritation
Inhalation	: Under normal conditions of use, this is not expected to be a primary route of exposure.
Ingestion	: Low toxicity if swallowed.
Other	: On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations.
Chronic Effects	: Prolonged exposure may cause chronic effects.

3. FIRST AID MEASURES

Eye contact	: Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
Skin contact	: After contact with skin, wash with plenty of soap and water.
Inhalation	: No treatment necessary under normal condition of uses.
Ingestion	: In general no treatment is necessary unless large quantities are swallowed, However, Get medical attention if symptoms occur.
Notes to Physician	: Treat symptomatically

4. FIRE FIGHTING MEASURES

Flammable Properties	: Not flammable.
Flash Point	: 200°C, Min
Suitable Extinguishing Media	: Water Fog. Carbon dioxide (CO ₂). Foam. Dry chemical.
Fire Fighting	: If a significant quantity of this product is involved in a fire, call the fire brigade.
Fire and Explosion Hazards	: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. This product is classified as a C2 combustible product. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances. Fire decomposition products from this product are likely to be irritating if inhaled.
Auto ignition temperature	: >220°C (ASTM E 659) This temperature may be significantly lower under particular conditions (slow oxidation on finely divided materials).
NFPA Health Hazard	: 1 Flammability 1 Stability 0 Physical and Chemical Hazards

5. ACCIDENTAL RELEASE MEASURES

Personal Precautions	: Good working practices and personal hygiene standards should be maintained at all times. Wash hands after use and always before eating, drinking, smoking and before using toilet. Wash any contaminated underlying skin with soap and water.
Environmental Precautions	: Extremely slightly hazardous for water. Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.
Spillage	: Shut of source of leak; soak up residue with absorbent such as Vermiculite. Transport of disposal site in accordance with current applicable laws and regulations and product characteristics at the time of disposal or divert to recovery area.

6. HANDLING AND STORAGE

Handling Storage	: No special precautions are necessary beyond good hygiene practice. : Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid, and/or vapor) and can be dangerous. Storage temperature 0-50°C normally.
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7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures	: Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.
<u>Personal Protective Equipment</u>	
Eye/Face Protection	: Safety glasses or face shield where splashing is possible. Full face-shield to be worn during emergencies.
Skin and Body Protection	: As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.
Respiratory Protection	: If swallowed, seek medical advice immediately. Avoid inhalation of mist.
Hygiene Measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the laboratory and at the end of the working period.
Environmental exposure	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Bright & Clear	Flash Point	: 200 Min
Physical State	: Liquid	Freezing Point	: - 15 Max
Specific Gravity	: 0.88 Typ.	Flammability Limits in Air	: NA
Boiling Point/Range	: NA	Solubility	: NA
Auto ignition Temperature	: NA	Vapor Pressure	: NA
Evaporation Rate	: NA	PH	: NA

9. STABILITY AND REACTIVITY

Chemical stability	: The product is stable.
Conditions to avoid	: Sources of ignition
Materials to avoid	: Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous Reactions:	: Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.

10. TOXICOLOGICAL INFORMATION

Acute toxicity	: Test on similar materials show a low order of acute oral and dermal toxicity.
Chronic Toxicity	: Prolonged exposure may cause chronic effects.
Carcinogenicity	: No data available.
Target Organ Effects	: No data available
Genotoxicity	: No data available
Mutagenicity	: No data available

11. ECOLOGICAL INFORMATION

Persistence in the Environment	: The product sinks in the sewage water on account of its high specific gravity; eventually it is able to pass the conventional collector for light – density material.
Toxic Effects on organisms	: Extremely hazardous for water. Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.
Fish	: No data available.
Daphnia Magna	: No data available.
Birds	: No data available.

12. DISPOSAL CONSIDERATIONS

Product Disposal	: Smaller quantities have to be disposed in line with local legislation. When storing used products, ensure that the categories for waste oil and mixing instructions are observed.
Container Disposal :	: Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Small one – way packaging have to be disposed according to the local regulations.

13. TRANSPORT INFORMATION

DOT/TDG/IMDG/IATA	: Not regulated.
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14. REGULATORY INFORMATION

Imidacloprid Technical	:
CAS No	:
Component Name	:

15. OTHER INFORMATION

MSDS data issued

Disclaimer

The above information is intended to give general health and safety guidance on the storage and transport of the substance or product to which it relates. However, actual use is beyond our control. Hence recommended without any liability.