Material Safety Data Sheet

Viper 426 GL-4

Regarding to dangerous material and preparation of the, preparation and delivery of security information files are preperated in accordance with regulations (R.G. 13.12.2014- 29204 Mük. Sayı).

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1. Product name: Viper 426 GL-4
1.2. Product use: Motor Oil
1.3. Details of the supplier of the safety data sheet
Producer name: Infilube Madeni Yağ San. ve Tic. A.Ş.
Address: Adres: Girne Mah. Irmaklar Sk. Küçükyalı İş Merkezi No:1-A 34852 - Maltepe / İstanbul
Phone: +90 216 361 68 48 - **Fax**:+90 216 361 68 48
1.4. Emergency phone
National Poison Information Center: 114

2. HAZARDS IDENTIFICATION

Human health hazards:Oversensitive persons may experience skin/eye irritation during long-term or repeated exposure.
Physical / Chemical Hazards: Not classified as dangerous.
Environmental Hazards:Not likely to be harmful to aquatic organisms.

3. COMPOSITION / INFORMATION ABOUT INGREDIENTS

A mixture of base oil and performance additives.

Chemical Composition	CAS NO.	EINECS No	Rate (%)	DSD Classification	CLP Classification
Lubricating oils (petroleum) Base oils; undefined	74869-22-0	278-012-2	70-88	-	-
Zinc alkyl dithiophosphate	68649-42-3	278-012-3	1-5	N, Xi R38 R41 R51/53	Skin Ir.2 H315, Eyes Dam. 1 H318, Aquatic Chronic 2 H411

There is no classification of certain substances in accordance with the legislation in force.The classification is made by the manufacturer. IP 346 'or by DMSO rate less than 3% is small.

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4. FIRST-AID MEASURES

4.1. Description of first aid measures
General information; If there are any suspicious circumstances and symptoms, consult a doctor. Stable side position at unconsciousness bring seek medical advice. Immediately remove soiled and soaked clothes.
Inhalation; Remove the affected person to fresh air, keep them warm and calm.
In contact with skin, wash immediately with plenty of soap and water in contact with skin.
In contact with eyes, clear eyes in case of contact with eyes, enough with plenty of water and see the eye doctor immediately afterwards.
Swallowing; Rinse mouth with water (only if the person is conscious). There is plenty of water to drink in small sips (dilution effect). Call a physician immediately. Do not induce vomiting.
4.2. The most important acute and delayed symptoms / effects
If there are any suspicious circumstances and symptoms, consult a doctor.
4.3. Indication of immediate medical attention and special treatment needed.
No information available.

5. FIRE-FIGHTING MEASURES

5.1. Fire Extinguishers: Foam, dry chemical and water spry should be used for small-scale fires. Should call fire department for large fire.
5.2. Special Damages Resulting material and preparation: Toxic gases are released after Combustion. These gases give rise to poisoning by inhalation. May burn at high temperatures.
5.3. Recommendations for Fire Fighting Teams: Fire should be extinguished by trained personnel and should use protective clothing and oxygen mask. Do not intervene fire with water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment from item 8. Stand upwind from the release site. It may be cause to react the product away from the equipment environment (flame sources, chemical etc.).Notify the emergency team.
6.2. Environmental Measures: For small spills, throwing sand on the oil to be absorbed. Thereafter, it should be placed in a package liquid-tight with a paddle for disposal. In large-scale spills to prevent oil from contaminating the environment, the set should be done with sand and sawdust or ditch should be dug. In such cases, the competent authorities should be informed immediately after the first intervention.
6.3. Methods and materials to maintain and Clean: Absorb the spilt product with absorbent or inert material. Waste material should be stored in closed and sealed containers. Hand over for disposal to legal entities for hazardous waste disposal, authorized by the Ministry in charge of environmental protection. Do not clean with water.
6.4. Other Partitioning Citations: In case of larger spills, notify the communication unit at 112.

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7. HANDLING AND STORAGE

7.1. Precautions for Safe Handling: Product keep in a well-ventilated place and in closed containers. Keep away from fire and heat sources. Avoid contact with skin and eyes.
7.2. Conditions for Safe Storage Dispute Involving: It is recommended that base oil be stored in covered or closed area. Recommended storage temperature is 5-40 °C. Do not expose to direct sunlight or higher temperatures, avoid contact with water or strong oxidants. Material resistant to hydrocarbons.
7.4. Specific end uses: Pay attention to the technical data sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters: See item 7.
8.2. Exposure Controls
8.2.1. Appropriate engineering controls: Ensure good ventilation of the environment.
82.2. Personal Protective Equipment

Respiratory protection: During regular work, respiratory protective equipment is not required. In special cases (e.g. spills), use full face protective mask and in case of fire, use a self-contained pressurized air breathing apparatus.
Hand protection: Gloves made of PVC or neoprene, resistant to oils, greases, alkali and acids.
Eye protection: Protective goggles with side protection or protective visor.
Skin and body protection: Should be used long-sleeved protective clothes and footwear.
Special hygienic and safety precautions: Smoking, eating and drinking is prohibited while handling this product. Wash hands before each work break.
Additional warnings: Contaminated clothes and shoes should be removed immediately and contact the area should be cleaned immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical properties

State	Liquid	Color	Yellow	Odor	Petroleum Odor

Chemical properties

TEST	METHOD	TYPICAL VALUES
KINEMATIC VISCOSITY (100°C) [MM2/S = CST]	ASTM D445	10,1
VISCOSITY INDEX	ASTM D2270	MIN. 145
FLASH POINT, °C	ASTM D92	MIN. 230
POUR POINT, °C	ASTM D97	-

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10. STABILITY AND REACTIVITY

10.1. Reaction: No information available.
10.2. Chemical Stability: No information available.
10.3. Chance of Hazardous Reactions: None.
10.4. Conditions to Avoid: Avoid contact with high temperatures, ignition sources and direct sunlight.
10.5. Materials to avoid: Avoid contact with water and strong oxidants.
10.6. Hazardous decomposition products: No information available.

11. TOXICOLOGICAL INFORMATION

Skin corrosion / irritation; Prolonged or repeated contact with the skin can cause irritation.
Serious eye damage / irritation; Contact with the eyes can cause temporary blindness and eyes irritation.
Respiratory or skin sensitization; When fog or smoke inhalation can irritate the eye, nose and throat. Hot steam is the product of irritating the upper respiratory tract.
Swallowed;It may cause nausea and diarrhea.
Germ cell mutagenicity; Based on the available information, classification criteria is not fulfilled.
Carcinogenicity; Based on the available information, classification criteria is not fulfilled.
Reproductive Toxicity: Based on the available information, classification criteria are not fulfilled.
Specific Target Organ Toxicity- single exposure; Based on the available information, classification criteria is not fulfilled.
Loss of aspiration; Based on the available information, classification criteria is not fulfilled
LD50, Acute Toxicity Estimates or LC50; Based on the available information, classification criteria is not fulfilled.
Other observations
In case of compliance with general safety and industrial hygiene, not a hazard to the health of the staff during working with this product.

12. ECOLOGICAL INFORMATION

12.1. Toxicity; Does not harm the aquatic life forms. Spills make film layer on water and prevent oxygen transfer.
12.2. Persistence and degradability; Biodegrades itself.
12.3. Bioaccumulation potential; Interest is not expected for bio-accumulation through food chains.
12.4. Mobility in soil; Spilled product causes pollution in surface waters penetrate the soil.
12.5. Results of PBT and vPvB Assessment; No data available
12.6. Other Adverse Effects; It has the ability to accumulate in the soil.

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13. DISPOSAL INFORMATION

According to current regulations for disposal by a licensed institution to be delivered to authorized persons. Used product, packing or wastes should never be released into the environment.

14. TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR / RID).

Land transport (ADR / RID)

Transportation is not dangerous. It not classified as hazardous for transport.

Marine transport (IMDG)

Transportation is not dangerous. It not classified as hazardous for transport.

Air transport (ICAO)

Transportation is not dangerous. It not classified as hazardous for transport.

15. REGULATORY INFORMATION

15.1. Special safety of the substance or mixture, health and environmental regulations / legislation

EU regulatory information

2010/75/AB (VOC): 0 %

National regulations Information

Water hazard class (D): 1 - causing a small amount of water pollution

15.2. Chemical Safety Assessment

There are no material safety assessments for substances in this mixture.

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16. OTHER INFORMATION

Symbol (s)

Full text of H sentence

H315—Causing skin irritation

H318—Cause serious eye damage

H411---Persistent in the aquatic environment for a long time, toxic

Full text of R-phrases

R38 -- Irritating to skin

R41 -- There is a danger of serious damage to eyes .

R51/53 – It may cause damage or harm to the unborn child growth.

Contact Address: info@infilube.com

Material Safety Data Sheet (MSDS) is drawn up on the basis of present knowledge and legislation in force at the moment of launching the product onto the market. Product is described on the basis of its safety data. The use of product for purposes other than those indicated above as well as its use with other materials during treatment process may cause hazards that are not described in this SDS. Responsibility of all the measures to be taken about the use of the product belongs to the user. This information that the data is correct or complete form is not guaranteed directly or indirectly in any way.