



1. Identification of the substance/preparation and of the company/undertaking

Product Name: Defense-W Lane Conditioner
Product Description: Mineral Oil Blend
Use: Bowling Lane Conditioner
Manufacturer: Kegel LLC
1951 Longleaf Blvd
Lake Wales, FL 33859, USA
Emergency Phone: (863) 734-0200
(800) 280-2695

2. Composition/information on ingredients

Substance/preparation: preparation

| Chemical name* | CAS Number | Concentration (%) | EC Number | Classification |
|-----------------------|------------|-------------------|-----------|----------------|
| Mineral Oil | 8042-47-5 | 86-91 | 232-455-8 | --- |
| Phosphate Ester | --- | 2-4 | --- | --- |
| Aliphatic Hydrocarbon | 64742-88-7 | 1-3 | 265-191-7 | Xn; R65 |
| Surfactant Mixture | --- | 1-2 | --- | --- |

See section 16 for the full text of the R phrases declared above.

*Occupational Exposure Limit(s), if available, are listed in section 8.

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Specific Hazards**Ingestion**

Acute Effects: Ingestion is unlikely to have any toxic effects but the product may act as an intestinal lubricant and result in diarrhea and frequent loose stools. If vomiting occurs, aspiration may cause delayed pulmonary edema and chemical pneumonia.

Skin Absorption

Acute Effects: Harmful effects are not expected from short periods of contact.

Effects of Repeated Exposure: Prolonged or repeated contact may lead to skin irritation by dermatitis or oil acne.

Inhalation

Acute Effects: Harmful effects are not expected from static vapor at ambient temperature. Inhalation of mist or spray may be harmful.

Chronic Effects: Aspiration may cause pulmonary edema or aspiration pneumonia. Oil deposits in the lung may lead to fibrosis and reduced pulmonary function. Prolonged or repeated inhalation of excessive amounts of oil mist or vapors may cause irritation of the respiratory tract.

Skin Contact

Acute Effects: Harmful effects are not expected from contact.

Eye Contact

Acute Effects: Harmful effects are not expected from short periods of contact.

4. First Aid Measures

Ingestion

Do not induce vomiting. Treat symptomatically. It is not expected that this product will be toxic by ingestion.

Skin Contact

No emergency care anticipated. Wash skin with soap and water. Remove any contaminated clothing and wash clothing before re-use. If irritation persists, seek medical attention.

Inhalation

Obtain medical attention. Qualified personnel may give oxygen if breathing is difficult or cyanosis (blue discoloration of the skin) is noted. Give artificial respiration if subject is not breathing. Remove to fresh air if aerosol spray is inhaled. Aspiration may cause pulmonary edema or aspiration pneumonia. Exposed persons should be kept under medical observation for at least 48 hours because delayed effects may occur.

Eye Contact

No emergency care anticipated. Flush eyes thoroughly with water for at least 15 minutes. If wearing contact lenses, remove lenses and flush eyes for several minutes. If discomfort persists, seek medical attention.

5. Fire Fighting Measures



Flash Point: >93.3°C (199.9°F)

Method: PMCC

Extinguishing Media

Suitable: Treat as an oil fire.

Small fires: CO₂, Dry Powder, and Foam

Large Fires: Alcohol type foam or universal-type foam, Water fog

Unsuitable: Oil will float on water and can spread any fire.

Special Fire Fighting Procedures

Use water spray to cool fire-exposed containers and structures.

Special Protective Equipment for Firefighters

Body covering protective clothing, full “turn-out” gear. Self-contained breathing apparatus with full face-piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards

Material may splatter if temperature exceeds boiling point. Polymer film can burn.

6. Accidental Release Measures

Personal Precautions

Wear protective clothing when taking up spills. Eliminate any ignition sources.

Environmental Precautions

This product is insoluble in water and will float on the surface. Prevent from entering sewers or drains.

Methods for Clean-up

Floor may be slippery. Use care to avoid falling.

Small spills: Absorb spill on an inert material such as sand, earth, or vermiculite. Small spills can also be picked up with a mop and washed away with water.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and Storage

Handling Precautions

Keep containers tightly closed to prevent contamination. Wear suitable personal protective equipment.

Storage Requirements

Normal precautions should be followed in handling and storage. Store in a cool dry place. Keep away from heat and flame. Keep container tightly closed.

Other Precautions

Freezing of product may rupture container. Product shelf life is best retained by storage at 10°C – 37°C.

8. Exposure Controls/Personal Protection

Engineering Measures

Mechanical ventilation is suggested. At least 10-air changes/hour are recommended. Engineering controls are not usually necessary if good hygiene practices are followed.

Hygiene Measures

Wash hands thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of the day. Remove contaminated clothing and clean it before re-use. Do not take internally.

Respiratory Protection

If vapor and/or mist is generated by heating, spraying, etc., wear an organic vapor respirator with a mist filter. No special, respiratory protection is normally required.

Hand Protection

Wear oil resistant gloves.

Eye Protection

Appropriate eye protection should always be worn when handling chemicals. Splash resistant eyewear is recommended when splashing is a concern.

Skin Protection

Wear protective clothing, such as long sleeves, to minimize skin contact.

Exposure Limits

| Component | Type | Value | Remark |
|------------------|-----------------------|------------------------|---|
| Mineral Oil Mist | TWA (mist), ACGIH | 5.0 mg/m ³ | If used in way that generates a “mist” observe the limits for Mineral Oil Mist. |
| | STEL (mist), ACGIH | 10.0 mg/m ³ | |

9. Physical and Chemical Properties

Physical State:

Liquid

Color:

Yellow/Brown Tinged and Hazy

Odor:

Non-objectionable Odor

Boiling Point:

N/A

Specific Gravity (H₂O=1):

0.864 @ 20°C



Viscosity (cSt): 21.6 @ 38°C
Vapor Pressure (mmHg): N/A
Solubility in H₂O: insoluble
Flash Point: >93.3°C (199.9°F) **Method:** PMCC
Percent Volatile: 0% by volume

10. Stability and Reactivity

Stability: Stable

Incompatible Materials

Normally unreactive, however avoid contact with high heat or temperatures.

Hazardous Combustion Products

Burning can produce soot.

Hazardous Polymerization

Will not occur.

11. Toxicological Information

This product has not undergone animal lab testing to determine toxicity.

Local Effects

Skin irritation: Prolonged or repeated contact may lead to skin irritation by dermatitis or oil acne.

Inhalation: Inhalation of mist or spray may be harmful.

12. Ecological Information

There is no ecotoxicity data available for this product.

13. Disposal Considerations

Methods of Disposal

Dispose of all waste in accordance with appropriate federal, state and local environmental control regulations.

14. Transport Information

UN Number

None

ADR/RID (Road/Rail Transport)

This product is not regulated by ADR/RID.

IMDG Classification (Sea Transport)

This product is not regulated by IMDG.

ICAO/IATA Classification (Air Transport)

This product is not regulated by ICAO/IATA.

Shipping Name

Defense-W

15. Regulatory Information

EU Regulations

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Safety Phrase(s): S39: wear eye/face protection

16. Other Information

Full text of R-phrases with number appearing in section 2:

R65: Harmful; may cause lung damage if swallowed.

Xn: Harmful

NFPA Rating

Health: 0

Fire: 1

Stability: 0

Hazard Legend

HMIS 0 Minimal Hazard

HMIS 1 Slight Hazard

HMIS 2 Moderate Hazard

HMIS 3 Serious Hazard

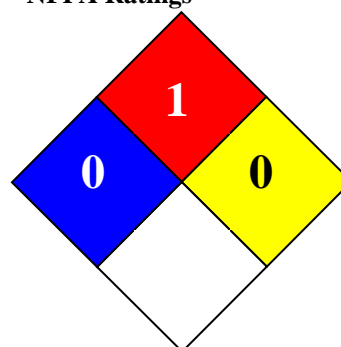
HMIS 4 Severe Hazard



HMIS Ratings

| | |
|----------------------------|----------|
| HEALTH | 0 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARDS | 0 |
| PERSONAL PROTECTION | B |

NFPA Ratings



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