



**Kegel LLC**

Product: Offense-HV Lane Conditioner

Safety Data Sheet

Revision: 2.3 1 September 2006

11/2/04

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

Product Name: **Offense-HV 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	86-94	232-455-8	---
Phosphate Ester	---	2-4	---	---
Aliphatic Hydrocarbon	64742-88-7	1-2	265-191-7	Xn; R65

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)  
 Extinguishing Media

Method: PMCC



Suitable: Treat as an oil fire.

Small fires: CO<sub>2</sub>, 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.

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**6. Accidental Release Measures**

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**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.

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**7. Handling and Storage**

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**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.

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**8. Exposure Controls/Personal Protection**

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**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 <sup>3</sup>	If used in way that generates a "mist" observe the limits for Mineral Oil Mist.
	STEL (mist), ACGIH	10.0 mg/m <sup>3</sup>	

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**9. Physical and Chemical Properties**

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Physical State:	Liquid
Color:	Yellow/Brown Tinged and Hazy
Odor:	Non-objectionable Odor
Boiling Point:	N/A
Specific Gravity (H <sub>2</sub> O=1):	0.868 @ 20°C
Viscosity (cSt):	21.4 @ 38°C
Vapor Pressure (mmHg):	N/A



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Solubility in H<sub>2</sub>O:  
Flash Point:  
Percent Volatile:

insoluble  
> 93.3°C (199.9°F)  
0% by volume

Method: PMCC

**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**

Offense-HV

**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



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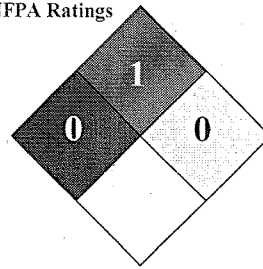
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HMIS Ratings

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

NFPA Ratings



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