

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Formula 45 Lane Conditioner

Alternate Names:

Kit/Package Description: Formula 45 Lane Conditioner (4 Gallons)

Product Part Number 62-860161-004 and 62-860161-001

1.2. Relevant identified uses of the mixture and uses advised against:

For professional use. Lane conditioner.

1.3. Details of the supplier of the safety data sheet:

Brunswick Bowling Products, LLC

525 W. Laketon Ave.

Muskegon, MI 49441. USA

1.3.1. Responsible person: -

E-mail: brunswick.hu@brunswickbowling.com

1.4. Emergency telephone number:

24 hour Emergency Telephone No.: CHEMTEL +1 813-248-0585

Customer Service: Brunswick Bowling Products, LLC: 231-725-4966

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the mixture:

Classification according to Regulation 1272/2008/EC (CLP):

Not considered as hazardous mixture.

Warning **H statements:** none.

2.2. Label elements:

Warning **H statements:** none.

Precautionary **P statements:**

P260 – Do not breathe mist/vapours/spray.

P262 – Do not get in eyes, on skin, or on clothing.

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 – Do NOT induce vomiting.

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

EUH 210 - Safety data sheet available on request.

2.3. Other hazards:

Causes mild skin irritation.

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance:
Not applicable.

3.2. Mixture:

Description	CAS number	EU number/ ECHA list number	REACH reg. nr.	Conc. (%)	Classification: 1272/2008/EC (CLP)		
					Hazard pict.	Hazard cat.	H phrase
White mineral oil (petroleum)*	8042-47-5	232-455-8	-	75 - 100	-	not classified	-
Poly(oxy-1,2- ethanediyl), .alpha.-[3,5- dimethyl -1-(2- methylpropyl)hexyl]- .omega. - hydroxy-*	60878-78-6	-	-	1-10	GHS07 Warning	Skin Irrit. 2 Eye Irrit. 2	H315 H319

*: Classification specified by the manufacturer, the substance is not listed in Annex VI of the Regulation (EC) No 1272/2008.

For the full text of H phrases: see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

IN CASE OF INGESTION:

Measures:

- Obtain immediate medical attention.
- Place the victim into comfortable position.
- Do not induce vomiting.

IN CASE OF INHALATION:

Measures:

- Remove to fresh air, keep patient warm and at rest.
- If breathing is irregular or stopped, give artificial respiration.
- If unconscious place in the recovery position and obtain immediate medical attention.
- Give nothing by mouth.

IN CASE OF SKIN CONTACT:

Measures:

- Remove the contaminated clothes.
- Wash the skin surface with plenty of water and soap or use a recognized skin cleanser.

IN CASE OF EYE CONTACT:

Measures:

- Make sure to remove any contact lenses from the eyes before rinsing.
- Promptly wash eyes with plenty of water while lifting the eye lids.
- Continue to rinse for at least 15 minutes.
- Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed:

Causes mild skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed:

No special treatment needed, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

5.1.1. Suitable extinguishing media:

Alcohol resistant foam, CO₂, powder.

5.1.2. Unsuitable extinguishing media:

None known.

5.2. Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapours. Oxides of carbon.

Do not breathe mist / vapours / spray.
 Do not get in eyes, on skin, or on clothing.

5.3. Advise for firefighters:

In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
 Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Keep unprotected people away, allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.

6.1.2. For emergency responders:

Wear appropriate personal protective equipment (see section 8).

6.2. Environmental precautions:

Dispose the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.

6.3. Methods and material for containment and cleaning up:

Eliminate all sources of ignition in the vicinity of spilled product. Pick up and transfer to properly labelled containers.
 Caution - spillage may be slippery.

6.4. Reference to other sections:

For further and detailed information see section 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Observe conventional hygiene precautions.
 Handle containers carefully to prevent damage and spillage.
 See section 2 for further details.

Technical measures:

No special measures required.

Precautions against fire and explosion:

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage condition:

Keep at temperatures between 0 °C and 50 °C.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Handle containers carefully to prevent damage and spillage.

Incompatible materials: see section 10.5.

Packaging material: no special prescriptions.

7.3. Specific end use(s):

No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Occupational exposure limit values:

The components of the mixture are not regulated with exposure limit value.

Additional manufacturer data:

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10 mg/m³ ACGIH.

DNEL		Routes of exposure	Exposure frequency:	Remarks:
Worker	Consumer			
no data available	no data available	Dermal	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Inhalative	Short term (acute) Long term (repeated)	no data available

no data available	no data available	Oral	Short term (acute) Long term (repeated)	no data available
-------------------	-------------------	------	--	-------------------

PNEC			Exposure frequency:	Remarks:
Water	Soil	Air		
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available

8.2. Exposure controls:

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1. Appropriate engineering controls:

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.

Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. Safety showers and eye wash stations should be provided in areas where this product is used.

8.2.2. Individual protection measures, such as personal protective equipment:

Use good personal hygiene practices.

Wash hands before eating, drinking, smoking or using toilet.

Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

1. Eye/face protection: Protective glasses recommended (EN 166).
2. Skin protection:
 - a. Hand protection: No specific prescription.
 - b. Other: Wear overalls to keep skin contact to a minimum.
3. Respiratory protection: Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
4. Thermal hazards: none known.

8.2.3. Environmental exposure controls:

No specific prescription.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions an expert's advice should be sought out before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Parameter	Test method:	Remarks:
1. Appearance:		clear liquid
2. Odour:		ocean
3. Odour threshold:		no data available*
4. pH value:		no data available*
5. Melting point/ freezing point:		no data available*
6. Initial boiling point and boiling range:		no data available*
7. Flash point:		>93 °C / >279 °F
8. Evaporation rate:		no data available*
9. Flammability (solid, gas):		not applicable
10. Upper/lower flammability or explosive limits:		no data available*
11. Vapour pressure:		no data available*
12. Vapour density:		no data available*
13. Relative density:		0.856

14. Solubility(ies):	insoluble in water
15. Partition coefficient: n-octanol/water:	no data available*
16. Auto-ignition temperature:	no data available*
17. Decomposition temperature:	no data available*
18. Viscosity:	<2000 cPs
19. Explosive properties:	no data available*
20. Oxidizing properties:	no data available*

9.2. Other information:

No data available.

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:
Hazardous polymerization will not occur.
- 10.2. Chemical stability:
Stable within normal temperature and general work conditions.
- 10.3. Possibility of hazardous reactions:
See Section 10.5.
- 10.4. Conditions to avoid:
High temperature (thermal decomposition can lead to release of irritating gases and vapours).
- 10.5. Incompatible materials:
None known.
- 10.6. Hazardous decomposition products:
Thermal decomposition can lead to release of irritating gases and vapours. Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects:
Acute toxicity: Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.
- 11.1.1. For substances subject to registration, brief summaries of the information derived from the test conducted:
No data available.
- 11.1.2. Relevant toxicological properties of the hazardous substances:
Carcinogen data:
White mineral oil (petroleum) (CAS: 8042-47-5):
OSHA Select Carcinogen: No
NTP Known: No; Suspected: No
IARC Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No
Poly(oxy-1,2-ethanediyl), .alpha.-[3,5-dimethyl-1-(2-methylpropyl)hexyl]-.omega.-hydroxy- (CAS: 60878-78-6):
OSHA Select Carcinogen: No
NTP Known: No; Suspected: No
IARC Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No
Acute toxicity:
White mineral oil (petroleum) (CAS: 8042-47-5):
LD50 (oral, rat): 5000 mg/kg;
Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).
- 11.1.3. Information on likely routes of exposure:
Ingestion, inhalation, skin contact, eye contact.
- 11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:
Causes mild skin irritation.
- 11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:
No data available.

- 11.1.6. Interactive effects:
No data available.
- 11.1.7. Absence of specific data:
No information.
- 11.1.8. Other information:
No data available.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:
No data available.
- 12.2. Persistence and degradability:
No data available.
- 12.3. Bioaccumulation potential:
No data available.
- 12.4. Mobility in soil:
No data available.
- 12.5. Results of PBT and vPvB assessment:
This product contains no PBT/vPvB chemicals.
- 12.6. Other adverse effects:
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods:
Disposal according to the local regulations.
- 13.1.1. Information regarding the disposal of the product:
Dispose according to the local and national regulations.
European Waste Code:
For this product, no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The European waste code number has to be determined after a discussion with a specialist dealing with waste disposal.
- 13.1.2. Information regarding the disposal of the packaging:
Dispose according to the relevant regulations.
- 13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:
None known.
- 13.1.4. Sewage disposal:
None known.
- 13.1.5. Special precautions for any recommended waste treatment:
No data available.

SECTION 14: TRANSPORT INFORMATION

ADR/RID, IMDG, IATA: Not dangerous good in sense of the transport regulations.

- 14.1. UN Number:
None.
- 14.2. UN proper shipping name:
None.
- 14.3. Transport hazard class(es):
None.
- 14.4. Packaging group:
None.
- 14.5. Environmental hazards:
IMDG:
Marine Pollutant: No.
- 14.6. Special precautions for user:
No relevant information available.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment: no information available.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet:

The safety data sheet has been revised according to Regulation (EU) 2015/830 (Section 1-16).

Full text of the abbreviations in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: carcinogenicity, mutagenicity and toxicity for reproduction. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent, Very Bioaccumulative. n.d.: not defined. n.a.: not applicable. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterway. RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail. IMDG: International Maritime Dangerous Goods Code. IATA: International Air Transport Association.

Data sources:

previous version of the safety data sheet (10. 05. 2018, version 1)

Methods used for the classification according to Regulation 1272/2008/EC: based on the calculation method carried out based on the known hazards of the components, not considered as hazardous mixture.

Relevant H-Phrases (number and full text) of Section 2 and 3:

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Training advice: no data available.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by: ToxInfo Kft.

Professional help regarding the explanation of the safety data sheet:
+36 70 335 8480; info@msds-europe.com

Date of issue: 10. 05. 2018

Date of revision: 09. 07. 2018

Version: 2



<http://www.msds->