

Safety Data Sheet
DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



1. Identification

1.1. Product identifier

Product Identity

DEFY v.30 Lane Conditioner

Alternate Names

Product Part Number: 62-860166-004 and 62-860166-001

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

See Technical Data Sheet.

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

Brunswick Bowling Products, LLC.
525 W. Laketon Ave.
Muskegon, MI 49441. USA

Emergency

24 hour Emergency Telephone No.

CHEMTEL 813-248-0585

Customer Service: Brunswick Bowling & Billiards

231-725-4966

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 3;H316

Causes mild skin irritation. (Not adopted by US OSHA)

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

Warning

H316 Causes mild skin irritation.

[Prevention]:

P260 Do not breathe mist / vapors / spray.

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

[Response]:

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P331 Do NOT induce vomiting.

P332+313 If skin irritation occurs: Get medical advice / attention.

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Distillates (petroleum), hydrotreated light naphthenic CAS Number: 0064742-53-6	50 - 75	Asp. Tox. 1;H304	[1]
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified CAS Number: Proprietary	25 - 50	Asp. Tox. 1;H304	[1]
Mineral oil CAS Number: 0008042-47-5	1.0 - 10	Not Classified	[1]
Poly(oxy-1,2-ethanediyl), .alpha.-[3,5- dimethyl -1-(2-methylpropyl)hexyl]-.omega. - hydroxy- CAS Number: 0060878-78-6	1.0 - 10	Skin Irrit. 2;H315 Eye Irrit. 2;H319	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

No hazards which require special first aid measures. Do not breathe dust/fume/gas/mist/vapors/spray. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Inhalation

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.

Eyes

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.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



Ingestion recognized skin cleanser.
DO NOT INDUCE VOMITING! If swallowed, vomiting may occur spontaneously. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth thoroughly. Get medical attention.

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

Overview Contact with eyes, prolonged contact with skin may cause irritation. Inhalation - excessive exposure may irritate eyes, nose, and throat. Harmful if swallowed. OTHER HAZARDS: Material may mist when heated. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Skin Causes mild skin irritation. (Not adopted by US OSHA)

5. Fire-fighting measures

5.1. Extinguishing media

As appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon and sulfur

Do not breathe mist / vapors / spray.

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

5.3. Advice for fire-fighters

Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Safety Data Sheet
DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Pick up and transfer to properly labeled containers.

Caution - spillage may be slippery

Eliminate all sources of ignition in the vicinity of spilled material.

7. Handling and storage

7.1. Precautions for safe handling

Avoid prolonged or repeated contact with skin. Avoid inhaling vapor and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Keep container tightly closed and in a cool, well-ventilated place. Use properly labeled and closeable containers.

This material has the potential to be a static accumulator. Proper grounding and bonding procedures should be used during all bulk transfer operations.

Use product with caution around heat, sparks, pilot lights, static electricity and open flame.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Storage Temperature: -50 - 50C (-58 - 122F)

For containers or container linings, use mild steel or high density polyethylene.

Do not use PVC.

Incompatible materials: Strong Oxidizing Agents, Strong Acids and Alkalis.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0008042-47-5	Mineral oil	OSHA	No Established Limit

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



		ACGIH	No Established Limit
		NIOSH	No Established Limit
0060878-78-6	Poly(oxy-1,2-ethanediyl), .alpha.-[3,5-dimethyl -1-(2-methylpropyl)hexyl]-.omega. - hydroxy-	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0064742-53-6	Distillates (petroleum), hydrotreated light naphthenic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

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

Carcinogen Data

CAS No.	Ingredient	Source	Value
0008042-47-5	Mineral oil	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;
0060878-78-6	Poly(oxy-1,2-ethanediyl), .alpha.-[3,5- dimethyl -1-(2-methylpropyl)hexyl]-.omega. - hydroxy-	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;
Proprietary	Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified	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;
0064742-53-6	Distillates (petroleum), hydrotreated light naphthenic	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;

8.2. Exposure controls

Respiratory

Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.

Eyes

Not required under normal conditions of use.

Skin

Skin protection is not required under normal conditions of use. Oil impervious gloves and oil impermeable apron recommended.

Engineering Controls

Provide 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

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



suitable respiratory protection must be worn.
Safety showers and eye wash stations should be provided in areas where this product is used.

Other Work Practices 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. - [Prevention]:

9. Physical and chemical properties

Appearance	Light brown Liquid
Odor	Ocean Breeze
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	Not Measured
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	30.0 cP +/- 2.0 cP
Surface Tension	26.5
Density	7.30 lb/gal +/- 0.15 lb
UVPPM	348 ppm +/- 18 ppm

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

10. Stability and reactivity

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Excessive heat and open flame.

10.5. Incompatible materials

Strong Oxidizing Agents, Strong Acids and Alkalis.

10.6. Hazardous decomposition products

Oxides of carbon and sulfur

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Distillates (petroleum), hydrotreated light naphthenic - (64742-53-6)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Mineral oil - (8042-47-5)	5,000.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-[3,5- dimethyl -1-(2-methylpropyl)hexyl]-.omega. - hydroxy- - (60878-78-6)	No data available	No data available	No data available	No data available	No data available

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).

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (Not adopted by US OSHA)
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Poorly soluble mixture. May cause physical fouling of aquatic organisms. Expected to be harmful: LL/EL/IL50 10-100 mg/l (to aquatic organisms) LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Distillates (petroleum), hydrotreated light naphthenic - (64742-53-6)	Not Available	Not Available	Not Available
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (Proprietary)	5,000.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	1,000.00 (96 hr), Scenedesmus subspicatus
Mineral oil - (8042-47-5)	Not Available	Not Available	Not Available
Poly(oxy-1,2-ethanediyl), .alpha.-[3,5- dimethyl -1-(2-methylpropyl)hexyl]-.omega. - hydroxy- - (60878-78-6)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

12.3. Bioaccumulative potential

Contains components with the potential to bioaccumulate.

12.4. Mobility in soil

Liquid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile. Floats on water.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance All components of this material are either listed or exempt from listing on the TSCA

Safety Data Sheet

DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



Control Act (TSCA) Inventory.

WHMIS Classification Not Regulated

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H304 May be fatal if swallowed and enters airways.

Safety Data Sheet
DEFY v.30 Lane Conditioner

SDS Revision Date:

02/25/2015



This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material in any process, unless specified in the text.

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