

Safety Data Sheet
MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



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

1.1. Product identifier

Product Identity	MAX20 Concentrated Lane Cleaner (20:1)
Alternate Names	Kit/Package Part Number 62-860239-000

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
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Emergency

24 hour Emergency Telephone No.	CHEMTEL 813-248-0585
Customer Service: Brunswick Bowling & Billiards	231-725-4966

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Acute Tox. 4;H302	Harmful if swallowed.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Dam. 1;H318	Causes serious eye damage.

2.2. Label elements

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



Danger

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Safety Data Sheet

MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



[Prevention]:

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves / eye protection / face protection.

[Response]:

- P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P312 Call a POISON CENTER or doctor / physician if you feel unwell.
- P321 Specific treatment (see information on this label).
- P330 Rinse mouth.
- P362 Take off contaminated clothing and wash before reuse.

[Storage]:

No GHS storage statements

[Disposal]:

- P501 Dispose of contents / container in accordance with local / national regulations.

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
C9-11 alcohol ethoxylate CAS Number: 0068439-45-2	50 - 75	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Irrit. 2;H319	[1]
Isotridecanol, ethoxylated CAS Number: 0009043-30-5	25 - 50	Acute Tox. 4;H302 Eye Dam. 1;H318	[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

Safety Data Sheet

MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



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.
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 recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Rinse mouth with water and drink plenty of water.

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

Overview	See section 2 for further details.
Eyes	Causes serious eye damage.
Skin	Causes skin irritation.
Ingestion	Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media

Use media appropriate for surrounding area.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Thermal decomposition can lead to release of irritating gases and vapors. Oxides of carbon

5.3. Advice for fire-fighters

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 vapors.

ERG Guide No. ----

6. Accidental release measures

Safety Data Sheet

MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



6.1. Personal precautions, protective equipment and emergency procedures

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

7. Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container.

Incompatible materials: No data available.

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
0009043-30-5	Isotridecanol, ethoxylated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0068439-45-2	C9-11 alcohol ethoxylate	OSHA	No Established Limit
		ACGIH	No Established Limit

Safety Data Sheet

MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0009043-30-5	isotridecanol, ethoxylated	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;
0068439-45-2	C9-11 alcohol ethoxylate	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

If contact is likely, safety glasses with side shields are recommended.

Skin

Impervious rubber gloves

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 suitable respiratory protection must be worn.

Other Work Practices

Safety showers and eye wash stations should be provided in areas where this product is used. 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	Clear Liquid
Odor	Sweet pungent
Odor threshold	Not Measured
pH	6.5-8.5
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	>93.3 / >200F
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable

Safety Data Sheet
MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



Upper/lower flammability or explosive limits

Lower Explosive Limit: Not Measured

Vapor pressure (Pa)

Upper Explosive Limit: Not Measured

Vapor Density

Not Measured

Specific Gravity

Not Measured

Solubility in Water

1.0

Partition coefficient n-octanol/water (Log Kow)

Complete

Auto-ignition temperature

Not Measured

Decomposition temperature

Not Measured

Viscosity (cSt)

Not Measured

VOC %

None

9.2. Other information

No other relevant information.

10. Stability and reactivity

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

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors. Oxides of Carbon

11. Toxicological information

Safety Data Sheet

MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



Acute toxicity

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
C9-11 alcohol ethoxylate - (68439-45-2)	No data available	No data available	No data available	No data available	No data available
isotridecanol, ethoxylated - (9043-30-5)	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).

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
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

Safety Data Sheet

MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



Large amounts will affect pH and harm aquatic organisms.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
C9-11 alcohol ethoxylate - (68439-45-2)	Not Available	Not Available	Not Available
isotridecanol, ethoxylated - (9043-30-5)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

Biodegradable

12.3. Bioaccumulative potential

Not Measured

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.

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			

Safety Data Sheet
MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



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 Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	D2B E
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:	(No Product Ingredients Listed)
EPCRA 302 Extremely Hazardous :	(No Product Ingredients Listed)
EPCRA 313 Toxic Chemicals:	(No Product Ingredients Listed)
Proposition 65 - Carcinogens (>0.0%):	(No Product Ingredients Listed)
Proposition 65 - Developmental Toxins (>0.0%):	(No Product Ingredients Listed)
Proposition 65 - Female Repro Toxins (>0.0%):	(No Product Ingredients Listed)
Proposition 65 - Male Repro Toxins (>0.0%):	(No Product Ingredients Listed)
N.J. RTK Substances (>1%) :	(No Product Ingredients Listed)
Penn RTK Substances (>1%) :	(No Product Ingredients Listed)

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

Safety Data Sheet
MAX20 Concentrated Lane Cleaner (20:1)

SDS Revision Date:

11/10/2014



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:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

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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