



## BAM! Rim Cleaner

Version number: GHS 2.0  
Replaces version of: 2020-02-05 (GHS 1)

Revision: 2020-02-21

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name Bloomco BAM! Rim Cleaner

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

Relevant identified uses Acidic cleaner

Uses advised against Do not use for squirting or spraying. Do not use for products which come into direct contact with the skin.

#### 1.3 Details of the supplier of the safety data sheet

Bloomco, Division of Double B Automotive  
Warehousing Inc.  
5035 North Service Road, #B1  
Burlington, Ontario, Canada L7L 5V2

Telephone: (905) 332-8070 OR  
1-(800) 667-9168

Website: Bloomco.ca

Email (competent person): info@bloomco.ca

#### 1.4 Emergency telephone number

Emergency information service

CANUTEC 613-996-6666 OR \*666 for cell phones

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
3.1O	acute toxicity (oral)	4	Acute Tox. 4	H302
3.2	skin corrosion/irritation	1B	Skin Corr. 1B	H314
3.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318
3.4S	skin sensitization	1B	Skin Sens. 1B	H317

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

#### 2.2 Label elements

Labeling

- Signal word danger

- Pictograms



# Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

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GHS05, GHS07



### - Hazard statements

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.

### - Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P321 Specific treatment (see on this label).  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Hazardous ingredients for labelling ammonium bifluoride, d-limonene

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures



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### Description of the mixture

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
ammonium bifluoride	CAS No 1341-49-7	12 – < 20	Acute Tox. 3 / H301 Skin Corr. 1B / H314 Eye Dam. 1 / H318	
polyethoxylated tallow amine	CAS No 61791-26-2	3 – < 12	Acute Tox. 4 / H302 Acute Tox. 4 / H312	
dipropylene glycol monomethyl ether	CAS No 34590-94-8	3 – < 12	Flam. Liq. 4 / H227	
Alcohols, C11-14-iso-, C13rich, ethoxylated	CAS No 78330-21-9	3 – < 12	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318	
(Amines, N-tallowalkyltrimethylenediamines, ethoxylated	CAS No 61790-85-0	1 – < 3	Acute Tox. 4 / H302	

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
d-limonene	CAS No 5989-27-5	1 – < 3	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1B / H317 Asp. Tox. 1 / H304	
disodium cocoamphodipropionate	CAS No 68604-71-7	1 – < 3	Flam. Liq. 4 / H227 Eye Irrit. 2 / H319	
methanol	CAS No 67-56-1	0.1 – < 1	Flam. Liq. 2 / H225 Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 STOT SE 1 / H370	

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS.

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation



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If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

### Following skin contact

Wash with plenty of soap and water.

### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing.

### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing  
media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Hydrogen fluoride (HF)

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### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental precautions

not required

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques



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Use of adsorbent materials.

### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Recommendations

- Measures to prevent fire as well as aerosol and dust generation  
Use local and general ventilation. Use only in well-ventilated areas.

#### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Control of the effects

#### Protect against external exposure, such as

Frost

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
CA	dipropylene glycol methyl ether	3459094-8	OEL (BC)	100		150					"BC Regulation"
CA	dipropylene glycol methyl ether ((2methoxymethylethoxy)propanol) (DPGME)	3459094-8	OEL (AB)	100	606	150	909				OHS Code



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CA	dipropylene glycol monomethyl ether	3459094-8	PEV/VEA	100	606	150	909				Regulation OHS
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Notation

- Ceiling-C ceiling value is a limit value above which exposure should not occur
- STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
- TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
ammonium bifluoride	1341-49-7	DNEL	3.8 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
ammonium bifluoride	1341-49-7	DNEL	2.3 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
dipropylene glycol monomethyl ether	34590-94-8	DNEL	950 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
dipropylene glycol monomethyl ether	34590-94-8	DNEL	404 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
d-limonene	5989-27-5	DNEL	33.3 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
methanol	67-56-1	DNEL	260 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
methanol	67-56-1	DNEL	40 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
methanol	67-56-1	DNEL	40 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects



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Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
ammonium bifluoride	1341-49-7	PNEC	1.3 mg/l	aquatic organisms	freshwater	short-term (single instance)
ammonium bifluoride	1341-49-7	PNEC	76 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
ammonium bifluoride	1341-49-7	PNEC	22 mg/kg	terrestrial organisms	soil	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	4,168 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	19.2 mg/l	aquatic organisms	freshwater	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	1.92 mg/l	aquatic organisms	marine water	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	4,168 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	2.2 mg/kg	terrestrial organisms	soil	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	192 mg/l	aquatic organisms	water	intermittent release
d-limonene	5989-27-5	PNEC	5.4 µg/l	aquatic organisms	freshwater	short-term (single instance)
d-limonene	5989-27-5	PNEC	0.54 µg/l	aquatic organisms	marine water	short-term (single instance)
d-limonene	5989-27-5	PNEC	1.8 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
d-limonene	5989-27-5	PNEC	1.32 mg/kg	benthic organisms	sediments	short-term (single instance)
d-limonene	5989-27-5	PNEC	0.13 mg/kg	pelagic organisms	sediments	short-term (single instance)
d-limonene	5989-27-5	PNEC	0.262 mg/kg	terrestrial organisms	soil	short-term (single instance)
d-limonene	5989-27-5	PNEC	3.33 mg/kg	(top) predators	water	short-term (single instance)
methanol	67-56-1	PNEC	100 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)



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methanol	67-56-1	PNEC	77 mg/kg	benthic organisms	sediments	short-term (single instance)
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Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
methanol	67-56-1	PNEC	7.7 mg/kg	pelagic organisms	sediments	short-term (single instance)
methanol	67-56-1	PNEC	1,540 mg/l	aquatic organisms	water	intermittent release
methanol	67-56-1	PNEC	20.8 mg/l	aquatic organisms	freshwater	short-term (single instance)
methanol	67-56-1	PNEC	2.08 mg/l	aquatic organisms	marine water	short-term (single instance)
methanol	67-56-1	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
methanol	67-56-1	PNEC	77 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
methanol	67-56-1	PNEC	7.7 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
methanol	67-56-1	PNEC	100 mg/kg	terrestrial organisms	soil	short-term (single instance)

**8.2 Exposure controls**

**Appropriate engineering controls**

General ventilation.

**Individual protection measures (personal protective equipment)**

**Eye/face protection**

Wear eye/face protection.

**Skin protection**

- Hand protection





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Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Color	green
Odor	sharp

#### Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	>100 °C at 1 atm
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)

#### Explosive limits

- Lower explosion limit (LEL)	1.1 vol%
- Upper explosion limit (UEL)	3 vol%
Vapor pressure	31.69 hPa at 25 °C



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Density	1.052 g/ml
Vapor density	this information is not available

Solubility(ies)

- Water solubility	miscible in any proportion
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Partition coefficient

- n-octanol/water (log KOW)	this information is not available
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Auto-ignition temperature	>150 °C
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Viscosity	not determined
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Explosive properties	not explosive (GHS of the United Nations, annex 4)
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Oxidizing properties	none
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9.2 Other information

Temperature class (USA, acc. to NEC 500)	T4 (maximum permissible surface temperature on the equipment: 135°C)
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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### 10.5 Incompatible materials

Oxidizers

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification acc. to GHS

##### Acute toxicity

Harmful if swallowed.

##### - Acute toxicity estimate (ATE)

Oral 610.6 mg/kg

##### Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
ammonium bifluoride	1341-49-7	oral	130 mg/kg
polyethoxylated tallow amine	61791-26-2	oral	1,437 mg/kg
polyethoxylated tallow amine	61791-26-2	dermal	1,260 mg/kg
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	oral	2,000 mg/kg
(Amines, N-tallowalkyltrimethylenediamines, ethoxylated	61790-85-0	oral	500 mg/kg
methanol	67-56-1	oral	100 mg/kg



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methanol	67-56-1	dermal	300 mg/kg
methanol	67-56-1	inhalation: vapour	3 mg/l/4h

### Skin corrosion/irritation

Causes severe skin burns and eye damage.

### Serious eye damage/eye irritation

Causes serious eye damage.

### Respiratory or skin sensitization

May cause an allergic skin reaction.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
ammonium bifluoride	1341-49-7	LC50	421.4 mg/l	fish	96 h
polyethoxylated tallow amine	61791-26-2	LC50	0.19 mg/l	fish	96 h
polyethoxylated tallow amine	61791-26-2	LC50	0.99 mg/l	fish	96 h
polyethoxylated tallow amine	61791-26-2	EC50	0.008 mg/l	algae	48 h
polyethoxylated tallow amine	61791-26-2	EC50	0.47 mg/l	daphnia	48 h



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dipropylene glycol monomethyl ether	34590-94-8	LC50	>150 mg/l	fish	72 h
dipropylene glycol monomethyl ether	34590-94-8	ErC50	>969 mg/l	algae	72 h
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	LC50	9.98 mg/l	fish	96 h
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	LC50	3.04 mg/l	not specified	48 h
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	EC50	23.28 mg/l	daphnia	72 h

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

##### Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

##### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

- 14.1 UN number 1760
- 14.2 UN proper shipping name CORROSIVE LIQUID, N.O.S.  
Technical name (hazardous ingredients) ammonium bifluoride
- 14.3 Transport hazard class(es)  
Class 8 (corrosive substances)
- 14.4 Packing group II (substance presenting medium danger)
- 14.5 Environmental hazards non-environmentally hazardous acc. to the dangerous goods regulations
- 14.6 Special precautions for user  
There is no additional information.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code  
The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport information - National regulations - Additional information (UN RTDG)



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UN number	1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Class	8
Packing group	II
Danger label(s)	8



Special provisions (SP)	274 (UN RTDG)
Excepted quantities (EQ)	E2 (UN RTDG)
Limited quantities (LQ)	1 L (UN RTDG)

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Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
(Amines, N-tallowalkyltrimethylenediamines, ethoxylated)	61790-85-0	LC50	0.1 mg/l	fish	96 h
(Amines, N-tallowalkyltrimethylenediamines, ethoxylated)	61790-85-0	LC50	0.15 mg/l	fish	96 h
d-limonene	5989-27-5	LC50	720 µg/l	fish	96 h
d-limonene	5989-27-5	EC50	688 µg/l	fish	96 h
disodium cocoamphodipropionate	68604-71-7	LC50	1 – 100 mg/l	fish	72 h
disodium cocoamphodipropionate	68604-71-7	EC50	0.55 – 48 mg/l	algae	72 h
disodium cocoamphodipropionate	68604-71-7	EC50	6.5 mg/l	daphnia	48 h
methanol	67-56-1	LC50	15,400 mg/l	fish	96 h
methanol	67-56-1	EC50	12,700 mg/l	fish	96 h
methanol	67-56-1	ErC50	22,000 mg/l	algae	96 h
Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
d-limonene	5989-27-5	EC50	0.85 mg/l	aquatic invertebrates	24 h

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Other adverse effects

#### Endocrine disrupting potential



None of the ingredients are listed.

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International Maritime Dangerous Goods Code (IMDG)	
UN number	1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Class	8
Marine pollutant	-
Packing group	II
Danger label(s)	8
	
Special provisions (SP)	274
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 L
EmS	F-A, S-B
Stowage category	B
International Civil Aviation Organization (ICAO-IATA/DGR)	
UN number	1760
Proper shipping name	Corrosive liquid, n.o.s.
Class	8
Packing group	II
Danger label(s)	8
	
Special provisions (SP)	A3
Excepted quantities (EQ)	E2
Limited quantities (LQ)	0,5 L

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed





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Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
ammonium bifluoride	1341-49-7		1	100 (45,4)

Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Water	7732-18-5	carrier fluid / dissolver	
ammonium bifluoride	1341-49-7	metal cleaner	
polyethoxylated tallow amine	61791-26-2	surfactant	
dipropylene glycol monomethyl ether	34590-94-8	surfactant	
Alcohols, C11-14-iso-, C13-rich, ethoxylated		surfactant	
(Amines, N-tallowalkyltrimethylenediamines, ethoxylated	61790-85-0	surfactant	
d-limonene	5989-27-5	fragrance	EU Fragrance Allergens
disodium cocoamphodipropionate	68604-71-7	surfactant	
methanol	67-56-1	alcohols	CA TACs NTP OHAT - Repr. or Dev. Toxicants OEHHA RELs Prop 65
cocoyl hydroxyethylimidazoline	61791-38-6	non-functional constituent	

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
methanol	67-56-1				1.0 %



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ammonium bifluoride	1341-49-7				1.0 %
ammonium bifluoride	7664-41-7				1.0 %

- Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
dipropylene glycol monomethyl ether	34590-94-8	A, O	

Legend

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
methanol	67-56-1		TE F3
ammonium bifluoride	1341-49-7		CO
dipropylene glycol monomethyl ether	34590-94-8		F2
d-limonene	138-86-3		F2

Legend

- CO Corrosive
- F2 Flammable - Second Degree
- F3 Flammable - Third Degree
- TE Teratogenic

- Hazardous Substance List (Chapter 323) (PA-RTK)

Name of substance	CAS No	Classification
methanol	67-56-1	E
ammonium bifluoride	1341-49-7	E
dipropylene glycol monomethyl ether	34590-94-8	

Legend

- E Environmental hazard



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California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987  
none of the ingredients are listed

**VOC content**

Regulated Volatile Organic Compounds (VOC-EPA): 9.995 %  
Regulated Volatile Organic Compounds (VOC-Cal ARB): 9.995 %

Industry or sector specific available guidance(s)

**NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	3	major injury likely unless prompt action is taken and medical treatment is given
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	1	material that is normally stable but can become unstable (self-react) at high temperatures and pressures. Material may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors
Personal protection	-	

Chronic: chronic hazard  
Flammability: flammability hazard  
Health: health hazard  
Personal protection: personal protective equipment (PPE) for normal use  
Physical hazard: reactivity

**NFPA® 704**

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	3	material that, under emergency conditions, can cause serious or permanent injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

**National inventories**

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
CA	DSL	all ingredients are listed



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US	TSCA	all ingredients are listed
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Legend

DSL Domestic Substances List (DSL)  
REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safetyrelevant
1.1	Trade name: Double B BAM! Rim Cleaner	Trade name: Bloomco BAM! Rim Cleaner	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
"BC Regulation"	OHS Regulation: Section 5.48 (British Columbia)
Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
Cal ARB	California Air Resources Board
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DEP CODE	Department of Environmental Protection Code
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EmS	Emergency Schedule



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EPA	Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HHS	Higher hazard substance
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LHS	Lower hazard substance
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OHS Code	Occupational Health and Safety Code: Occupational exposure limits for chemical substances (Alberta)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
Regulation OHS	Regulation respecting occupational health and safety: Permissible exposure values for airborne contaminants (Quebec)
Skin Corr.	Corrosive to skin

Abbr.	Descriptions of used abbreviations
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit



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STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

Hazardous Products Regulations (HPR).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H370	Causes damage to organs.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.