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		Supersedes : 766-01-0106S

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name/designation : Power Trim & Steering Fluid
Product code : 858074QB1, 858075QB1

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

Main use category : Industrial use, Professional use, Consumer use
Specific use(s) : Lubricants

1.3. Details of the supplier of the safety data sheet

Company : Brunswick Marine EMEA
Parc industriel de Petit-Rechain, Avenue Mercury 8
4800 Verviers, Belgium
Telephone +32 (0)87 32 32 11

1.4. Emergency telephone number

Emergency telephone : 0032 3 575 55 55

IRELAND (REPUBLIC OF)

National Poisons Information Centre
Beaumont Hospital +353 18 37 99 64/+353 1 809 21 66

UNITED KINGDOM

National Poisons Information Service
(Newcastle Centre) 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)
Regional Drugs and Therapeutics Centre,
Wolfson Unit

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EU) 1272/2008

CLP-Classification : This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Not classified

2.1.2. Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classification : This mixture is classified as not hazardous according to 1999/45/EC.

Not classified

2.2. Label elements

2.2.1. Labelling according to Regulation (EU) 1272/2008

Extra phrases : EUH208 - Contains Ethanol, 2,2'-iminobis-, N-tallow alkyl, derivs. May produce an allergic reaction.

2.2.2. Labelling according to Directives (67/548 - 1999/45)

Not relevant

2.3. Other hazards

Other hazards : This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
Borated reaction product of polybutenyl succinic anhydride with ethylenediamine-piperazine polymer		1 - 1,5	Xi; R36
Ethanol, 2,2'-iminobis-, N-tallow alkyl, derivs	(CAS No.) 61791-44-4 (EC No) 263-177-5	0,1 - 0,3	Xn; R22 C; R34 N; R50 R43

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Borated reaction product of polybutenyl succinic anhydride with ethylenediamine-piperazine polymer		1 - 1,5	Eye Irrit. 2, H319
Ethanol, 2,2'-iminobis-, N-tallow alkyl, derivs	(CAS No.) 61791-44-4 (EC No) 263-177-5	0,1 - 0,3	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. When in doubt or if symptoms are observed, get medical advice.
Skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Wash contaminated clothing before reuse. When in doubt or if symptoms are observed, get medical advice.
Eye contact	: Rinse immediately carefully and thoroughly with eye-bath or water. When in doubt or if symptoms are observed, get medical advice.
In case of ingestion	: Rinse mouth thoroughly with water. Get immediate medical advice/attention.
Additional advice	: First aider: Pay attention to self-protection! Personal protection equipment: see section 8 Never give anything by mouth to an unconscious person or a person with cramps. Show this safety data sheet to the doctor in attendance. Treat symptomatically.

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

Inhalation	: No adverse effects are expected. The following symptoms may occur: Irritation.
Skin contact	: No adverse effects are expected. The following symptoms may occur: Irritation.
Eye contact	: No adverse effects are expected. The following symptoms may occur: Irritation.
Ingestion	: No adverse effects are expected. The following symptoms may occur: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Other adverse effects	: none.

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

Not applicable

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, alcohol resistant foam, Dry extinguishing powder, Carbon dioxide

Extinguishing media which must not be used for safety reasons: : Strong water jet

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non-flammable.

Specific hazards : Evacuate area.

Hazardous combustion products:

Heating causes rise in pressure with risk of bursting.

Do not allow run-off from fire-fighting to enter drains or water courses.

Dispose according to legislation.

5.3. Advice for firefighters

Advice for firefighters

: Special protective equipment for firefighters.

In case of fire: Wear self-contained breathing apparatus.

Use water spray jet to protect personnel and to cool endangered containers.

Do not allow run-off from fire-fighting to enter drains or water courses.

Dispose according to legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: Evacuate area.

Provide adequate ventilation.

Use personal protective equipment as required.

Personal protection equipment: see section 8

For emergency responders

: Ensure procedures and training for emergency decontamination and disposal are in place.

Personal protection equipment: see section 8.

6.2. Environmental precautions

Environmental precautions

: Do not allow to enter into ground-water, surface water or drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

: Stop leak if safe to do so.

Dam up.

Clean-up methods - large spillage: Dam up., Large spills should be collected mechanically (remove by pumping) for disposal., Collect in closed and suitable containers for disposal.

Clean-up methods - small spillage: Dam up., Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents)., Collect in closed and suitable containers for disposal.

Dispose of waste product or used containers according to local regulations.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Handling : Provide adequate ventilation.
Use personal protective equipment as required.
Personal protection equipment: see section 8
Take any precaution to avoid mixing with incompatible materials.
See also section 10
Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time).
Do not allow contact with soil, surface or ground water.
- Advices on general occupational hygiene : Keep good industrial hygiene.
Wash hands and face before breaks and immediately after handling of the product.
When using do not eat, drink or smoke.
Keep away from food, drink and animal feedingstuffs.
Take off contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

- Storage : Do not store near or with any of the incompatible materials listed in section 10.
- Packaging materials : Suitable material: No data available
Unsuitable material: No data available

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

- Exposure limit values : Not applicable

8.2. Exposure controls

- Personal protection equipment : Use personal protective equipment as required.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
Half-face mask (EN 140)
Full face mask (EN 136)
Filter type: ABEK + P
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. (EN 137)
- Hand protection : Wear chemically resistant gloves (tested to EN374) , The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
- Eye protection : Goggles (EN 166)
- Body protection : Wear suitable protective clothing.
- Thermal hazard protection : Not applicable
- Engineering control measures : Provide adequate ventilation as well as local exhaust at critical locations.
Organisational measures to prevent/limit releases, dispersion and exposure
Safe handling: see section 7

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Environmental exposure controls : Do not allow contact with soil, surface or ground water.
Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	: liquid
Colour	: amber
Odour	: Hydrocarbons
Odour threshold:	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: 207 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable, liquid
Upper/lower flammability or explosive limits	: < No data available
Vapour pressure	: < 1 mmHg (20 °C)
Vapour density	: > 1 (Air = 1.0)
Density	: 0,8539 g/cm ³
Relative density	: No data available
Water solubility	: No data available
Solubility in different media	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: 33 mm ² /s (40 °C) 7 mm ² /s (100 °C)
Explosive properties	: Not applicable The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	: Not applicable The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Reference to other sections: 10.4 & 10.5

10.2. Chemical stability

Stability : The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : Safe handling: see section 7

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10.4. Conditions to avoid

Conditions to avoid : Safe handling: see section 7

10.5. Incompatible materials

Incompatible materials : Safe handling: see section 7

10.6. Hazardous decomposition products

Hazardous decomposition products : Reference to other sections: 5.2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met.)

Ethanol, 2,2'-iminobis-, N-tallow alkyl, derivs (61791-44-4)	
LD50/oral/rat	1350 mg/kg
ATE CLP (oral)	500 mg/kg bodyweight

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met.)
pH: No data available

Serious eye damage/eye irritation : Not classified (Based on available data, the classification criteria are not met.)
pH: No data available

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met.)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met.)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met.)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met.)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met.)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met.)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met.)

Other information

Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

SECTION 12: Ecological information

12.1. Toxicity

Toxicity : Ecological injuries are not known or expected under normal use.

Ethanol, 2,2'-iminobis-, N-tallow alkyl, derivs (61791-44-4)	
LC50 fish 1	0,1625 mg/l (96 h) 0,0148 mg/l (96 h)
EC50 Daphnia 1	0,044 mg/l
LC50 fish 2	1,1911 mg/l (96 h)

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12.2. Persistence and degradability

Persistence and degradability : No data available

12.3. Bioaccumulative potential

Bioaccumulation : No data available
Partition coefficient n-octanol/water : No data available

12.4. Mobility in soil

Mobility : No data available

12.5. Results of PBT and vPvB assessment

PBT/vPvB data : This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

Other information :

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product waste: : Dispose of empty containers and wastes safely.
Safe handling: see section 7
Refer to manufacturer/supplier for information on recovery/recycling.
Recycling is preferred to disposal or incineration
If recycling is not possible, eliminate in accordance with local valid waste disposal regulations
Do not allow contact with soil, surface or ground water.

Contaminated packaging : Handle contaminated packages in the same way as the substance itself.
Refer to manufacturer/supplier for information on recovery/recycling.
Recycling is preferred to disposal or incineration
If recycling is not possible, eliminate in accordance with local valid waste disposal regulations

List of proposed waste codes/waste designations in accordance with EWC : Not applicable

SECTION 14: Transport information

14.1. UN number

UN number : NA

14.2. UN proper shipping name

Proper Shipping Name : NA

14.3. Transport hazard class(es)

14.3.1. Overland transport

ADR/RID : Not classified for this transport way.
Class(es) : Not applicable

14.3.2. Inland waterway transport (ADN)

ADN : Not classified for this transport way.

14.3.3. Transport by sea

IMDG : Not classified for this transport way.
Class or Division : Not applicable

14.3.4. Air transport

ICAO/IATA : Not classified for this transport way.

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Class or Division : Not applicable

14.4. Packing group

Packing group : NA

14.5. Environmental hazards

Other information : Not applicable.

14.6. Special precautions for user

Special precautions for user : Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Code: IBC : Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Restrictions on use : Not applicable

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC.

: none

Authorisations : Not applicable

15.1.2. National regulations

DE : WGK : 3

15.2. Chemical safety assessment

Chemical Safety Assessment : For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Oral)	: Acute toxicity Category 4
Aquatic Acute 1	: Hazardous to the aquatic environment - Aquatic Acute 1
Eye Irrit. 2	: Serious eye damage/eye irritation Category 2
Skin Corr. 1B	: Skin corrosion/irritation, Category 1B
Skin Sens. 1	: Skin sensitisation, hazard category 1
H302	: Harmful if swallowed.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction.
H319	: Causes serious eye irritation.
H400	: Very toxic to aquatic life.
R22	: Harmful if swallowed.
R34	: Causes burns.
R36	: Irritating to eyes.
R43	: May cause sensitisation by skin contact.
R50	: Very toxic to aquatic organisms.
C	: Corrosive
N	: Dangerous for the environment
Xi	: Irritant
Xn	: Harmful

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Key literature references and sources for data : LOLI
<http://www.echemportal.org>
MSDS

Abbreviations and acronyms :

- ABM = Algemene beoordelingsmethodiek
- ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
- ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
- CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC
- IATA = International Air Transport Association
- IMDG = International Maritime Dangerous Goods Code
- LEL = Lower Explosive Limit/Lower Explosion Limit
- UEL = Upper Explosion Limit/Upper Explosive Limit
- REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
- BTT = Breakthrough time (maximum wearing time)
- DMEL = Derived minimal effect level
- DNEL = Derived No Effect Level
- EC50 = Median Effective Concentration
- EL50 = Median effective level
- ErC50 = EC50 in terms of reduction of growth rate
- ErL50 = EL50 in terms of reduction of growth rate
- EWC = European Waste Catalogue
- LC50 = Median lethal concentration
- LD50 = Median lethal dose
- LL50 = Median lethal level
- NA = Not applicable
- NOEC = No observed effect concentration
- NOEL: no-observed-effect level
- NOELR = No observed effect loading rate
- NOAEC = No observed adverse effect concentration
- NOAEL = No observed adverse effect level
- N.O.S. = Not Otherwise Specified
- OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
- PNEC = Predicted No Effect Concentration
- Quantitative structure-activity relationship (QSAR)
- STOT = Specific Target Organ Toxicity
- TWA = time weighted average
- VOC = Volatile organic compounds
- WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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