	SAFETY DATA SHEET	Page : 1 / 9
	Assembly Grease	Revision nr : 1.1
		Issue date : 25/03/2015
		Supersedes :
		766-01-0096S

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

1.1. Product identifier

Trade name/designation : Assembly Grease
Product code : 92-8M0071836, 92-8M0133985

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

Main use category : Industrial use, Professional use, Consumer use
Specific end 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
E-mail: bme.compliance@brunswick.com

1.4. Emergency telephone number

Emergency telephone : 0032 3 575 55 55

Ireland

National Poisons Information Centre
Beaumont Hospital

+353 1 809 21 66 (public, 8am - 10pm, 7/7)
+353 01 809 2566 (Professionals, 24/7)

United Kingdom

National Poisons Information Service
(Newcastle Centre)
Regional Drugs and Therapeutics Centre,
Wolfson Unit

0844 892 0111 (UK only, 24/7, healthcare professionals only)

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


Not applicable.

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.

	SAFETY DATA SHEET	Page : 2 / 9
		Revision nr : 1.1
	Assembly Grease	Issue date : 25/03/2015
		Supersedes : 766-01-0096S

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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

Identification of the substance or mixture : This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : Remove casualty to fresh air and keep warm and at rest.
Give oxygen or artificial respiration if necessary
In case of doubt or persistent symptoms, consult always a physician

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.
In case of doubt or persistent symptoms, consult always a physician

Eyes contact : Rinse immediately carefully and thoroughly with eye-bath or water.
In case of doubt or persistent symptoms, consult always a physician

Ingestion : Rinse mouth thoroughly with water.
Get immediate medical advice/attention.

Additional advice : First aider: Pay attention to self-protection
Concerning personal protective equipment to use, see section 8
Never give anything by mouth to an unconscious person
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.

Eyes contact : No adverse effects are expected. The following symptoms may occur:
Irritation.

Ingestion : No adverse effects are expected. The following symptoms may occur:
May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Other adverse effects : None.


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

	SAFETY DATA SHEET	Page : 3 / 9
		Revision nr : 1.1
	Assembly Grease	Issue date : 25/03/2015
		Supersedes : 766-01-0096S

For safety reasons unsuitable extinguishing agents : Strong water jet

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non flammable
 Specific hazards : Evacuate personnel to a safe 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

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 or fog for cooling exposed containers
 Do not allow run-off from fire-fighting to enter drains or water courses.
 Dispose of waste in accordance with environmental legislation

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Evacuate personnel to a safe area
 Provide adequate ventilation
 Use personal protective equipment as required.
 Concerning personal protective equipment to use, see section 8
 For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place
 Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Environmental precautions : Do not allow to enter into 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.
 Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal
 Dispose of waste product or used containers according to local regulations.


6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8
 Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling : Provide adequate ventilation
 Use personal protective equipment as required.
 Concerning personal protective equipment to use, 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.

	SAFETY DATA SHEET	Page : 4 / 9
	Assembly Grease	Revision nr : 1.1
		Issue date : 25/03/2015
		Supersedes :
		766-01-0096S

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 protective 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 measure(s) : 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
- 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 : Solid
- Colour : amber
- Odour : mild, Petroleum
- Odour threshold : No data available
- pH : Not applicable
- Melting / freezing point : No data available
- Initial boiling point and boiling range : No data available
- Flash point : No data available
- Evaporation rate : No data available

	SAFETY DATA SHEET	Page : 5 / 9
	Assembly Grease	Revision nr : 1.1
		Issue date : 25/03/2015
		Supersedes :
		766-01-0096S

Flammability (solid, gas)	:	Combustible
Upper / lower flammability or explosive limits	:	No data available
Vapour pressure	:	No data available
Vapour density	:	No data available
Density	:	0,9 g/cm ³
Relative density	:	No data available
Water solubility	:	Insoluble
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	:	> 0,22 mm ² /s (40 °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

Chemical 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

10.4. Conditions to avoid

Conditions to avoid : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Safe handling: see section 7

10.5. Incompatible materials

Incompatible materials : Strong oxidizing agents, 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.)

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met.)
pH: Not applicable

	SAFETY DATA SHEET	Page : 6 / 9
	Assembly Grease	Revision nr : 1.1
		Issue date : 25/03/2015
		Supersedes :
		766-01-0096S

Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: Not applicable
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.

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.

12.2. Persistence and degradability

Persistence and degradability : No data available

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available

Partition coefficient n-octanol/water : No data available

12.4. Mobility in soil

Mobility in soil : 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 : No data available

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.

	SAFETY DATA SHEET	Page : 7 / 9
	Assembly Grease	Revision nr : 1.1
		Issue date : 25/03/2015
		Supersedes :
		766-01-0096S

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

European waste catalogue : 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.
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

	SAFETY DATA SHEET	Page : 8 / 9
	Assembly Grease	Revision nr : 1.1
		Issue date : 25/03/2015
		Supersedes :
		766-01-0096S

15.1.2. National regulations

DE : WGK : 1

15.2. Chemical safety assessment

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


SECTION 16: Other information

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)

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
 Classification according to Regulation (EC) No. 1272/2008 [CLP]
 Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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	SAFETY DATA SHEET	Page : 9 / 9
		Revision nr : 1.1
	Assembly Grease	Issue date : 25/03/2015
		Supersedes : 766-01-0096S

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