

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** MICROCLEAN PLUS**Product Code:** 1148.2**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Degreasing and removal of oil from hard surfaces

1.3. Details of the supplier of the safety data sheet**Company name:** GNC Marine
Unit 11
Empire Business Park
Parcel Terrace
Derby
DE1 1LY
United Kingdom**Tel:** +44 (0)1283 221297**Email:** enquiries@gncmarine.com**1.4. Emergency telephone number****Emergency tel:** +44 (0)7740 422035

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315
Most important adverse effects: Harmful if swallowed. Causes skin irritation. Causes serious eye damage.**2.2. Label elements****Label elements:****Hazard statements:** H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.**Hazard pictograms:** GHS05: Corrosion
GHS07: Exclamation mark**Signal words:** Danger**Precautionary statements:** P280: Wear protective gloves/eye protection.
P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of water/soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+313: If skin irritation occurs: Get medical advice.
P362: Take off contaminated clothing.**2.3. Other hazards****PBT:** This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients
3.2. Mixtures
Hazardous ingredients:

N,N-DIMETHYL 9-DECENAMIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	1356964-77-6	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Chronic 3: H412	10-30%

C10 ALCOHOL ETHOXYLATE WITH 7MEO

-	166736-08-9	-	Acute Tox. 4: H302; Eye Dam. 1: H318	5-10%
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C10 ALCOHOL ETHOXYLATE WITH 9MEO

-	166736-08-9	-	Acute Tox. 4: H302; Eye Dam. 1: H318	5-10%
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2-(2-BUTOXYETHOXY)ETHANOL

203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-5%
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(2-METHOXYMETHYLETHOXY)PROPANOL

252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	1-5%
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AMIDES, COCO, N,N-BIS(HYDROXYETHYL)

271-567-0	68603-42-9	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	1-5%
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Section 4: First aid measures
4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

No Special treatment required

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions:**

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions**Environmental precautions:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up**Clean-up procedures:**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

See sections 8 and 13 for additional information

Section 7: Handling and storage**7.1. Precautions for safe handling****Handling requirements:**

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

No exposure scenario currently available

Section 8: Exposure controls/personal protection
8.1. Control parameters
Hazardous ingredients:
2-(2-BUTOXYETHOXY)ETHANOL

Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	67.5 mg/m ³	101.2 mg/m ³	-	-

(2-METHOXYMETHYLETHOXY)PROPANOL

EU	50 ppm / 308 mg/m ³	-	-	-
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DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand protection:	Protective gloves.
Eye protection:	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

Section 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

State:	Liquid
Clour	Pale, straw
Odour	Barely perceptible
Evaporation Rate	No data available
Oxidising	No data available
Solubility in water	Miscible in all proportions
Viscosity	No data available
Boiling Point/range °C	~100
Flammability	Not applicable
Flash point	Not applicable
Autoflammability °C	No data available
Relative density	1.01
VOC g/l	No data available

9.2. Other information
Other information: No data available.

Section 10: Stability and reactivity
10.1. Reactivity
10.2. Chemical stability
Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Product is an aqueous liquid and no hazardous reactions are expected

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information
11.1. Information on toxicological effects

Hazardous ingredients:

N,N-DIMETHYL 9-DECENAMIDE

ORAL	RAT	LD50	550	mg/kg
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C10 ALCOHOL ETHOXYLATE WITH 7MEO

ORAL	RAT	LD50	200-2000	mg/kg
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C10 ALCOHOL ETHOXYLATE WITH 9MEO

ORAL	RAT	LD50	300-2000	mg/kg
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2-(2-BUTOXYETHOXY)ETHANOL

ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information
12.1. Toxicity

Hazardous ingredients:

N,N-DIMETHYL 9-DECENAMIDE

DAPHNIA	48H EC50	2.8	mg/l
FISH	96H LC50	>7.5	mg/l

C10 ALCOHOL ETHOXYLATE WITH 7MEO

FISH	96H LC50	10-100	mg/l
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C10 ALCOHOL ETHOXYLATE WITH 9MEO

Daphnia magna	48H EC50	10-100	mg/l
FISH	96H LC50	10-100	mg/l
Scenedesmus Subspicatus	72H ErC50	10-100	mg/l

(2-METHOXYMETHYLETHOXY)PROPANOL

ALGAE	72H IC50	>969	mg/l
DAPHNIA	48H EC50	1919	mg/l
FISH	96H LC50	>10000	mg/l

12.2. Persistence and degradability
Persistence and degradability:

Biodegradable. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations
13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Specific regulations:

European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (known as 'CLP'). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR. Workplace Exposure Limits EH40.2005 (2nd edition published 2011). REACH: Regulation 1907/2006/EC effective June 1st , 2007. The raw materials used in

this preparation have been pre-registered in accord with the requirements of REACH. Dangerous Preparations Directive (1999/45/EC).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.