

Producto: Barnacle Buster Concentrate

Fecha de SDS: May 11, 2017

Número de producto: 1206
Meets GHS and ISO 11014-1

7(#=゚゚) - ˙o-8yk(*)゚)

GHS and ISO 11014-1

1. @

GHS @ :

• ""V ' ' ' ' ' ' ' ' Barnacle Buster® 1206.

• ANN "# : Barnacle Buster Concentrate.

• AWY " " " producto de uso marino que elimina de manera eficaz y ecológica crustáceos, moluscos, óxido, calcio, limo y cualquier depósito mineral con un desmontaje mínimo

• Usos pertinentes identificados de la sustancia o la mezcla y usos desaconsejados: No hay más información pertinente

Supplier details:

TRAC Ecological of America, Inc.

1103 Old Griffin Road Dania, FL 33004 USA

Phone: +1(954) 987-2722

Fax: +1(954) 583-4933

inquiry@trac-online.com

www.trac-online.com

Cleansailing es una marca registrada de:

J. RIBAS E HIJOS - CIF: B36601201.

Con domicilio social: C/ María de Molina, 54, 5ª planta CP:28006 Madrid

TIfno.: 986 233 904

E-mail: info@cleansailing.es

www.cleansailing.esl

Información telefónica y emergencias toxicologicas:

915 620 420 - 24 Horas

Emergency telephone INFOTRAC: North America 1-800-535-5053 / Outside North America +1-352-323-3500

2. Identificación de peligros

Clasificación de la muestra:

• Pictogramas de Peligro:



- Peligros físicos: No está clasificado para los peligros físicos.
- Peligros para la salud: Puede causar irritación
- Peligros ambientales: No están clasificados como peligros para el medio ambiente.
 - 1. H303 Puede ser dañino si se ingiere.
 - 2. H316 Causa una leve irritación de la piel.
 - 3. H320 Causa irritación de los ojos.



Product: Barnacle Buster Concentrate

SDS Preperation Date: May 11, 2017

Product Number: 1206

Meets GHS and ISO 11014-1

2. Hazards identification; continued

GHS label elements, including precautionary statements:

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P262 Avoid contact with eyes, skin, or clothing
- P264 Wash hands thoroughly after handling
- P280 Wear protective gloves/protective clothing/eye protection/face protection

Other hazards:

• This product does not contain substances which are classified as persistent, bio-accumulative and/or toxic (PBT) or very persistent and very bio-accumulative (vPvB).

3. Composition/information on ingredients and Substance Chemical Identity:

Chemical composition:

 Mixtures of below listed substances and other unlisted ingredients. Unlisted ingredients are not "hazardous" per the GHS Classification.

Hazardous substances				
		H303		
CAS: 7664-38-2	Phosphoric Acid	H315	< 50%	
EINECS: 231-633-2	Phosphoric Acid	H320		
		H333		

Additional information:

For wording of the listed risk phrases please refer to section 16.

4. First aid measure:

- **General:** In case of emergency, remove contaminated clothing.
- Inhalation: Remove to fresh air; if breathing is difficult, give oxygen. Observe for possible delayed reaction.
- Eyes: Immediately flush eyes with plenty of water for a few minutes. Seek medical attention if symptoms persist.
- **Skin:** Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation develops and persists.
- Ingestion: Do not induce vomiting. Drink plenty of water (or milk if available). Seek for medical attention if symptoms persist.



Product: Barnacle Buster Concentrate

SDS Preperation Date: May 11, 2017

Product Number: 1206

Meets GHS and ISO 11014-1

5. Firefighting measures:

Suitable (and unsuitable) extinguishing media:

• Barnacle Buster Concentrate is not flammable; use most appropriate agent to extinguish surrounding material, water - foam - powder - dry chemical.

Specific hazards arising from the chemical:

None

Special protective equipment and precautions for firefighters:

No special equipment and no special measures required.

6. Accidental release measures:

Personal precautions, protective equipment and emergency procedures:

- Wear protective equipment, like:
 - o gloves : rubber gloves
 - o respiration protection : none
 - o eyes protection : safety glasses
 - shoes : normal
 - clothing : normal
 - o control mechanic device : none
- Keep unprotected persons away.

Environmental precautions:

Rinse with water, and dispose to sewage according to Federal, National and local regulations.

Methods and materials for containment and cleaning up:

Should be absorbed by absorbents for disposal. Must conform to Federal, National and Local regulations.

7. Handling and storage:

Precautions for safe handling:

- No special measures required.
- Information about fire and explosion protection: Store drums away from excessive heat, basically no special measures

Conditions for safe storage, including any incompatibilities:

- No special measures required;
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
 - O Store in normal conditions, keep containers/drums sealed



Product: Barnacle Buster Concentrate

SDS Preperation Date: May 11, 2017

Product Number: 1206

Meets GHS and ISO 11014-1

8. Exposure controls/personal protection:

Phosphoric Acid CAS: 7664-38-2 EINECS: 231-633-2 <50%					
	TWA	STEL	MAK	Ceilings	
ACGIH	1 mg/m3	3 mg/m3	Not established	Not established	
Argentina	1 mg/m3	3 mg/m3	Not established	Not established	
Australia	1 mg/m3	3 mg/m3	Not established	Not established	
Canada Ontario	1 mg/m3 TWAEV	3 mg/m3 STEV	Not established	Not established	
Canada Quebec	1 mg/m3 TWAEV	3 mg/m3 STEV	Not established	Not established	
China	1 mg/m3	3 mg/m3	Not established	Not established	
France	1 mg/m3 VME	3 mg/m3 VLE			
Japan	1 mg/m3	Not established	Not established	Not established	
New Zealand	1 mg/m3	Not established	Not established	Not established	
OSHA	1 mg/m3	Not established	Not established	Not established	
OSHA Vacated	1 mg/m3	3 mg/m3	Not established	Not established	
Singapore	1 mg/m3	3 mg/m3	Not established	Not established	
South Africa	1 mg/m3	3 mg/m3	Not established	Not established	
Switzerland	Not established	2 mg/m3	1 mg/m3	Not established	
EU	1 mg/m3	2 mg/m3			
UK	1 mg/m3	2 mg/m3	Not established	Not established	
USA	1 mg/m3	3 mg/m3	Not established	Not established	

Personal protection:

• Gloves: rubber gloves

Respiration protection: none

Eyes protection: goggle

Shoes: normalClothing: normal

• Control mechanic device: none

9. Physical and chemical properties:

Appearance liquid

Color: Blue

Odor: Clear, light amine odor

pH: .9

Melting point: NA
 Boiling point: 167 °C
 Freezing point: - 37 °C

Flash point: NAEvaporation rate: Same as water

Flammability (solid, gas): NA

Upper/lower flammability or explosive limits: NA

Vapor pressure: 14 mm hg/20 °C

Vapor density: NARelative density: 1.61Solubility(ies): NA

Partition coefficient: n-octanol/water: NA

Auto ignition temperature: NADecomposition temperature: NA



Product: Barnacle Buster Concentrate

SDS Preperation Date: May 11, 2017

Product Number: 1206

Meets GHS and ISO 11014-1

10. Stability and reactivity:

- · Chemical stability: Stable when stored at normal conditions and recommended temperature
- · Possibility of hazardous reactions: Non Described
- Conditions to avoid: Non Described
- Incompatible materials: Avoid contact with materials such as sulphides and sulphites which could release toxic gases, and be cautious in mixing with strong Alkali bases because high heat of reaction can generate steam.
- Hazardous decomposition products: None.

11. Toxicological information:

PHOSPHORIC ACID (Mixture):

LD50 Rabbit: 200 – 2000 mg/kgTest results not available;

No LD50 data available for the product TRAC Barnacle Buster Concentrate

Acute toxicity Not classified.

Skin corrosion/irritation Skin irritation and possible eye damage.

Respiratory sensitisation Not classified.

Specific target organ toxicity

- repeated exposure Not classified.

Specific target organ toxicity

- single exposure
 Carcinogenicity
 Germ cell mutagenicity
 Reproductive toxicity
 Not classified.
 Not classified.
 Not classified.

Information on likely routes of exposure

Ingestion Irritation in mouth, throat and/or stomach.
Inhalation May cause irritation to respiratory organs.

Skin contact Causes irritation
Eye contact Causes irritation
Symptoms Not available.

Mixture versus substance

Information Not available. Other information Not available.

Acute toxicity of components present at relevant concentrations: see section 3.



Product: Barnacle Buster Concentrate

SDS Preperation Date: May 11, 2017

Product Number: 1206

Meets GHS and ISO 11014-1

12. Ecological information:

Toxicity No toxicity data noted for the ingredient(s).

Persistence and (BIO)degradability

Bio-accumulative potential

Partition coefficient; n-octanol/water (log Kow);

Bio-concentration factor (BCF)

Mobility in soil

No data available

Not available.

Not available.

Not available.

Results of PBT and vPvB assessment Not a PBT or vPvB substance or mixture.

Other adverse effects Not available.

Summary: The product is not classified as dangerous for the environment. The evaluation of environmental hazards is based on the concentration limits as set out in directive 1999/45/EC.

13. Disposal considerations:

Waste treatment methods:

- Dispose used or expended material to local sewage systems according to Federal, National and Local regulations and instructions
- After rinsing with plenty of water, empty containers may be recycled.
 - Waste code according to 2000/532/EC (product):
 - Waste code according to 2000/532/EC (package):

14. Transport information:

ADR:

14.1. UN number UN1805

14.2. UN proper shipping name Phosphoric acid, solution

14.3. Transport hazard
 8 class(es)

Subsidiary class(es) -

14.4. Packing group
 14.5. Environmental hazards
 No

Tunnel restriction code (E)

14.6. Special precautions for Not available.



Product: Barnacle Buster Concentrate SDS Preperation Date: May 11, 2017

Product Number: 1206
Meets GHS and ISO 11014-1

14. Transport information continued:

RID:

• 14.1. UN number UN1805

• 14.2. UN proper shipping name Phosphoric acid, solution

14.3. Transport hazard
 8 class(es)

Subsidiary class(es) -

14.4. Packing group III
 14.5. Environmental hazards No

14.6. Special precautions for Not available

AND:

• 14.1. UN number UN1805

14.2. UN proper shipping name Phosphoric acid, solution

• 14.3. Transport hazard 8 class(es)

Subsidiary class(es) -

14.4. Packing group
 14.5. Environmental hazards
 No

14.6. Special precautions for Not available.

IATA:

• 14.1. UN number UN1805

• 14.2. UN proper shipping name Phosphoric acid, solution

14.3. Transport hazard 8 class(es)

Subsidiary class(es) -

14.4. Packing group14.5. Environmental hazardsNo

ERG Code Not available14.6. Special precautions for Not available

IMDG:

14.1. UN number UN1805

14.2. UN proper shipping name Phosphoric acid, solution

• 14.3. Transport hazard 8 class(es)

Subsidiary class(es) -

14.4. Packing group III

Environmental hazards

Marine pollutant
 EmS No.
 14.6. Special precautions for
 Not available

14.7. Transport in bulk Not intended to be transported in bulk according to Annex II of MARPOL 73/78 and the IBC Code



Product: Barnacle Buster Concentrate
SDS Preperation Date: May 11, 2017

Product Number: 1206
Meets GHS and ISO 11014-1

15. Regulatory Information

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

- GHS system for labelling and SDS
- Current regulation in US and Canada:
 - > In USA: OSHA (29 CFR 1910.1200
 - Canada: WHMIS
- EU regulations
 - Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances; Not regulated.
 - Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work; Phosphoric acid mixture (CAS 7664-38-2)
 - Directive 94/33/EC on the protection of young people at work; Phosphoric acid mixture (CAS 7664-38-2)

Chemical safety assessment:

Not available

16. Other information including information on preparation and revision of the SDS:

List of abbreviations:

- CAS: Chemical Abstract Service Registration Number
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- LD50: Lethal Dose, 50%
- LC50: Lethal Concentration, 50%
- EC50: Effect Concentration, 50%
- NOEL: No Observed Effect Level
- COD: Chemical Oxygen Demand
- BOD: Biochemical Oxygen Demand
- TOC: Total Organic Carbon
- CEN: European Committee for Standardisation
- EC-No: European Commission Number
- CLP: Regulation on classification, labelling and packaging of substances and mixtures
- DSD: Dangerous Substances Directive
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IATA: International Air Transport Association
- IMDG: International Maritime Dangerous Goods Code
- RID: International Rule for Transport of Dangerous Substances by Railway
- GHS: Global Harmonised System
- HCS: harmonized classification scheme



Product: Barnacle Buster Concentrate

SDS Preperation Date: May 11, 2017

Product Number: 1206

Meets GHS and ISO 11014-1

16. Other information including information on preparation and revision of the SDS continued:

References Safety data: sheets of raw materials

Information on evaluation method leading to the classification of mixture, the health, and environmental hazards of this mixture are assessed by applying the conventional methods as described in GHS and EU Annex II and III to Directive 1999/45/EC.

P phrases and H statements:

- H303 May be harmful if swallowed
- H315 Causes skin irritation
- H320 Causes eye irritation
- H335 May cause respiratory irritation
- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P233 Keep container tightly closed
- P260 Do not breathe mist/vapours/spray
- P262 Do not get in eyes, on skin, or on clothing
- P264 Wash hands thoroughly after handling
- P273 Avoid release to the environment
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P285 In case of inadequate ventilation wear respiratory protection

Process categories according to ECHA and GHS