SAFETY DATA SHEET – Disposal Unit disinfectant

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier **VernaClean ACTIVE Disposal Unit disinfectant**

1.2 Relevant Use(s)/misuse(s) Macerator Disinfectant

1.3 SDS Supplier

Vernacare
Matrix Park
1 Western Avenue
Chorley
PR7 7NB
United Kingdom
Tel: +44 (0)1204 529494
Fax: +44 (0)1204 521862
E-mail: info@vernacare.com

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Skin irrit. 2 H315

2.1.2 Classification according to EC Directive 67/548/EEC (CHIP 4)

Not classified

2.1.3 Additional information

See section 16 for full text of H statements and R phrases.

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Directive 67/548/EEC (CHIP 4)

Physicochemical:	ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE PHYSICOCHEMICAL PROPERTIES IF HANDLED IN THE CORRECT MANNER.
Health:	ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE AFFECTS ON HEALTH IF HANDLED IN THE CORRECT MANNER.
Environmental:	ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE ON THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

SAFETY PHRASES NONE

2.2.2 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

2. HAZARDS IDENTIFICATION

Signal word

Pictogram(s):

WARNING

Hazard statement(s)	H315	CAUSES SKIN IRRITATION.
Precautionary statement(s)	P281	USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
	P333+313	IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

2.3 OTHER HAZARDS NONE KNOWN.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS PREPARATION OF ORGANIC SUBSTANCES

Substances

Chemical name	CAS-No	EINECS/ELINCS	Classification	Concentratio
CITRIC ACID	5949-29-1	201-069-1	**CHIP:** Xi: R36/37/38 **CLP:** Skin Irrit. 2 H315 Eye Irrit. 2 H319; STOT SE3 H335	<2%
DIDECYLDIMETHYL AMMONIUM CHLORIDE	7173-51-5	230-525-2	**CHIP:** Xn: R22; C: R34 **CLP:** Skin Corr. 1B H314; Acute Tox 4 H302	3-5%

4. FIRST AID MEASURES

4.1 Description of measure

Inhalation	Remove casualty to fresh air. If necessary, seek medical advice.
Skin contact	Immediately clean areas affected with soap and plenty of water. If necessary, seek medical advice
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
Ingestion	If product is swallowed, do NOT induce vomiting. If conscious, drink plenty of water. If necessary, seek medical advice.
4.2 Most important	None known.
4.3 Immediate/special treatment	Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder)
5.2 Special hazards	Toxic/irritating fumes may be omitted on combustion.
5.3 Advice for fire fighters	Wear self-contained breathing

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Use suitable protective equipment (see section 8)

6. ACCIDENTAL RELEASE MEASURES

6.2 Environmental precautions	Do not allow to get into waste water or waterways in large quantities; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
6.4 Reference to other sections	See section 8 for personal protective equipment.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice. Avoid the raising and deposition of dust.
7.2 Conditions for safe storage	Keep containers closed, cool, dry and away from heat
7.3. Specific end use(s)	Surface disinfectant and cleaner

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	No OEL data are available. Comply with good practice.
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. People with known skin allergies should take extra care when handling this product. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if risk of eye contamination.
Skin protection	Impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator (e.g. EN 149:2001 P2 or P3) only if ventilation is insufficient.
Other protection	Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Liquid	
Colour	Straw to dark yellow	
Odour	Chemical	
Odour threshold	Not determined	
pH	4-5	
Boiling pt / range	Approx. 100	ºC

Melting pt / range	Approx. 0	ºC

Flash point	Not determined	°C
Flammability	Not applicable	

9. PHYSICAL AND CHEMICAL PROPERTIES

Thermal decomposition	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not determined °C
Decomposition temp.	Not applicable
Relative density	APPROX. 1
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Soluble
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. $Log_{Oct/water}$	Not determined
9.2 Other information	None known.

10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerisation will not occur
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known.
10.5 Incompatible material	None known.
10.6 Hazardous decomposition products	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD_{50} rat (oral)	mg/kg	No data available
Dermal compatibility	No data available		
Mucous membrane compatibility	No data available		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC_{50}	Fish	mg/l (96 hours)	No data available
12.2 Degradability	Not determined.			
12.3 Bioaccumutive potential	Not determined			

12. ECOLOGICAL INFORMATION

12.4 Mobility in soil	Not determined
12.5 PBT/vPvB assessment	Not determined
12.6 Other adverse effects	None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures	
Advice on disposal	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	Not classified
14.2 Proper shipping name (ADR, IMDG, IATA)	Not classified
14.3 Transport class(s) (ADR, IMDG, IATA)	Not classified
14.4 Packing group (ADR, IMDG, IATA)	Not classified
14.5 Environmental hazards (ADR, IMDG, IATA)	The product should NOT be marked as a marine pollutant.
14.6 Special procedures (ADR, IMDG, IATA)	Not applicable
14.7 Transport in bulk (ADR, IMDG, IATA)	Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 4) and EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	Not applicable

16. OTHER INFORMATION

Further information

Risk phrases/ hazard statements referred to in sections 2/3

R20: Harmful by inhalation
R22: Harmful if swallowed
R34: Causes burns
R36/38: Irritating to eyes and skin
R36/37/38: Irritating to eyes, respiratory system and skin
R43: May cause sensitisation by skin contact.
R68: Possible risk of irreversible effects

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage. H315: Causes skin irritation.
H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation. . H341: Suspected of causing genetic defects

Sources of data	Other suppliers' safety data sheets, EH40 (2011)
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This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Safety data sheet prepared by Rising HS&E Services.