

1272/2008

2.2. Label elements

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## BioSentry® Acid Tray Wash

	Revision date 2019-12-0.
SECTION 1: Identification of	f the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	BioSentry® Acid Tray Wash
Product code	D12204605, D12204609, D12204619
1.2. Relevant identified uses of	the substance or mixture and uses advised against
Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
Description	Cleaner.
1.3. Details of the supplier of th	e safety data sheet
Company	Neogen Corporation
Address	620 Lesher Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com
1.4. Emergency telephone num	ber
	24 hours:  Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)  Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)
Further information	
Manufactured By:	HACCO, Inc. 110 Hopkins Dr. Randolph, WI 53956-1316 U.S.A.
	HACCO, Inc. is a wholly-owned subsidiary of Neogen Corporation.
SECTION 2: Hazards ident	fication
2.1. Classification of the substa	ince or mixture
2.1.2. Classification - EC	Skin Corr. 1B: H314;

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### 2.2. Label elements

Z.Z. Labor cicinicitis	
Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Precautionary Statement:	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
Prevention	P264 - Wash thoroughly after handling.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement:	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse
	skin with water/shower.
	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
	lenses, if present and easy to do. Continue rinsing.
	P310 -Immediately call a POISON CENTER/doctor/ .
	P363 - Wash contaminated clothing before reuse.
Precautionary Statement:	P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in
Disposal	accordance with local and national regulations
2.3. Other hazards	
Other hazards	May be harmful if inhaled.

### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Phosphoric acid% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2		30 - 40%	Skin Corr. 1B: H314;
Glycolic acid		79-14-1	201-180-5		1 - 10%	Skin Corr. 1B: H314; Acute Tox. 4: H332;

### Description

Concentrations listed are not product specifications.				
Further information				
	Full text of Hazard Statements listed in this Section is provided in Section 16.			

### SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Immediate medical attention is required. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration.
Eye contact	Remove the affected person from the source of contamination immediately. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Contact lenses should be removed. Immediate medical attention is required.
Skin contact	Remove the affected person from the source of contamination immediately. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and

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4.1. Description of first aid me	easures
	water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Immediate medical attention is required.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting unless told to do so by the poison control center or doctor. Probable mucosal damage may contraindicate the use of gastric lavage. Never give anything by mouth to an unconscious person. Immediate medical attention is required.
4.2. Most important symptom	s and effects, both acute and delayed
Inhalation	Corrosive to the respiratory tract. Causes burns. In severe cases, may cause loss of consciousness. May cause irritation to mucous membranes. May cause dizziness and headache.
Eye contact	Risk of serious damage to eyes. Causes severe inflammation and may damage the cornea.  Danger of very serious irreversible effects.
Skin contact	Corrosive to living tissue. Causes skin burns. Danger of very serious irreversible effects.
Ingestion	Corrosive to living tissue. Causes severe burns. Danger of very serious irreversible effects. Ingestion may cause nausea and vomiting.
4.3. Indication of any immedia	ate medical attention and special treatment needed
	Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Immediate medical attention is required. If medical advice is needed, have product container or label at hand.
Further information	
	Refer to product label and/or package insert for additional information.
SECTION 5: Firefighting r	neasures
5.1. Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions.
5.2. Special hazards arising f	rom the substance or mixture
	Corrosive. Do not breathe vapour or spray mist. Fire will produce dense black smoke.
5.3. Advice for firefighters	
	In case of fire and/or explosion do not breathe fumes. Do not breathe vapour or spray mist. Wear: Self-contained breathing apparatus, Protective equipment.
SECTION 6: Accidental re	elease measures
6.1. Personal precautions, pr	otective equipment and emergency procedures
	In the case of cleanup following a spill, wear protective clothing and appropriate equipment to prevent exposure of skin and eyes and to prevent ingestion or inhalation. Ensure adequate ventilation of the working area. Keep personnel away from spill. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Keep away from incompatible materials.
6.2. Environmental precaution	ns
	Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.
6.3. Methods and material for	r containment and cleaning up
	Absorb with inert, absorbent material. Collect spillage. Transfer to suitable, labelled containers for disposal. Dispose of this material and its container to hazardous or special waste collection point. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.
6.4. Reference to other section	ons

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### 6.4. Reference to other sections

See Section(s) 2, 8, and 13 for further information.

### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Do not breathe vapour or spray mist. Ensure adequate ventilation of the working area. In case of insufficient ventilation, wear suitable respiratory equipment. Causes eye damage and skin damage. Wear chemical protective clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Contaminated work clothing should not be allowed out of the workplace. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not eat, drink or smoke in areas where this product is used or stored. Read the entire label and follow all use directions, restrictions, and precautions.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in original container in a cool, dry place inaccessible to children and pets. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Keep containers closed and away from other chemicals. Do not store with incompatible substances or mixtures. Follow label instructions.

### 7.3. Specific end use(s)

See Section(s) 1.2 for further information.

### **Further information**

Refer to product label and/or package insert for additional information.

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.1.1. Exposure Limit Values

Phosphoric acid%	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
(Orthophosphoric acid)		
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:

### 8.2. Exposure controls







# 8.2.1. Appropriate engineering controls

8.2.2. Individual protection measures

Eye / face protection

Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.

Wear chemical protective clothing. Do not breathe dust or vapour.

Wear: Approved safety goggles, Face shield.

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8.2. Exposure controls	
Skin protection - Handprotection	Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Skin protection - Other	After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Provide chemical shower. Provide eye wash station.  Protect clothing from contact with the product. Wash contaminated clothing before reuse.  Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of food or feedstuffs.
Further information	

Refer to product label for additional PPE requirements and recommendations. Follow label

# SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear/Red
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	Not applicable.
Oxidising properties	No data available
Solubility	Soluble in water

### 9.2. Other information

VOC (Volatile organic	Not applicable.
compounds)	

### SECTION 10: Stability and reactivity

1	0	.1	R	ea	cti	vity	

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous re	eactions
	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
10.4. Conditions to avoid	
	Keep away from extreme temperatures. Keep away from incompatible materials.
10.5. Incompatible materials	·
	Keep away from strong bases.
10.6. Hazardous decomposition	1 1 1 1
	Carbon oxides.
OFOTION 44: Toxicological	_
SECTION 11: Toxicological	
11.1. Information on toxicologica	al effects
Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	Corrosive to living tissue. Causes burns. Possible risk of irreversible effects.
Serious eye damage/irritation	Causes severe burns. Causes severe inflammation and may damage the cornea. Possible risk of irreversible effects.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-123.  Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens.  Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values.  Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause oral mucosal irritation.
STOT-repeated exposure	Components(s) may cause damage to human organs based on animal data.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.
11.1.2. Mixtures	
	See Section(s) 3 for further information.
11.1.3. Hazard Information	
	See Section(s) 2 and 3 for further information.
11.1.4. Toxicological Information	1
	No data available
11.1.5. Hazard Class	1
	See Section(s) 2 and 4 for further information.
11.1.6. Classification Criteria	
	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.

11.1.7. Information on likely routes of exposure			
	Eye contact. Skin contact. Ingestion. Inhalation.		
11.1.8. Symptoms related to the physical, chemical and toxicological characteristics			
	See Section(s) 4.2 for further information.		
11.1.9. Delayed and immediate	effects as well as chronic effects from short and long-term exposure		
	See Section(s) 4.2 for further information.		
11.1.10. Interactive effects			
	No data available.		
11.1.11. Absence of specific data			
	<1% of this mixture consists of ingredients of unknown acute toxicity.		
11.1.12. Mixture versus substance information			
	See Section(s) 3 for further information.		
11.1.13. Other information			
	Caution - substance not yet fully tested.		
SECTION 12: Ecological information			
12.1. Toxicity			
	No data available		
12.2. Persistence and degradability			
	No data is available on this product.		
12.3. Bioaccumulative potential			
	No data is available on this product.		
Partition coefficient			
	BioSentry® Acid Tray Wash No data available		
12.4. Mobility in soil			
	No data is available on this product.		
12.5. Results of PBT and vPvB assessment			
	No data is available on this product.		
12.6. Other adverse effects			
	Contains substance(s) which are hazardous to the environment.		
SECTION 13: Disposal considerations			
13.1. Waste treatment methods			
	Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not discharge effluent containing this product to sewer systems. Follow label instructions.		
Disposal methods			
	Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not contaminate water by cleaning of		

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Disposal methods	
	equipment or disposal of wastes. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water. Do not let product contaminate subsoil.
Disposal of packaging	
	Nonrefillable container. Do not reuse or refill this container.  If empty: Do not reuse this container. Place in trash or offer for recycling, if available.  If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Can be recycled if in compliance with local and national regulations.
Further information	
	Refer to product label and/or package insert for additional information.
SECTION 14: Transport info	rmation
Hazard pictograms	
14.1. UN number	
	UN3264
14.2. UN proper shipping name	
	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid)
14.3. Transport hazard class(es	)
ADR/RID	8
Subsidiary risk IMDG	-   8
Subsidiary risk	-
IATA	8
Subsidiary risk	<u> </u> -
14.4. Packing group	
Packing group	11
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	T
EmS Code	F-A S-B
IATA	T
Packing Instruction (Cargo)	855

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Maximum quantity	30 L
Packing Instruction	851
(Passenger)	
Maximum quantity	1 L

### SECTION 15: Regulatory information

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

### Regulations

Chemical Inventories/Right-to-Know Lists: 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

--International--.

Basel Convention (Hazardous Waste): H8.

Chemical Weapons Convention (OPCW): This material contains no reportable components.

Kyoto Protocol Greenhouse Gases: This material contains no reportable components.

Mercosur Agreement: Not applicable.

Montreal Protocol: This material contains no reportable components.

The Rotterdam Convention: This material contains no reportable components.

The Stockholm Convention: This material contains no reportable components.

--Asia and the ASEAN Nations--.

Catalog of Hazardous Chemicals (China): [2790, Phosphoric acid, CAS No. 7664-38-2].

Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The

Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision,

Distribution, and Control of Hazardous Substances: Usable hazardous and toxic material, [Phosphoric acid, CAS No. 7664-38-2].

Chemical Substances Control Law (Japan): This material contains no reportable components. Industrial Safety and Health Act, Dangerous Substances (Japan): Labeling/Notification required, IPhosphoric acid, CAS No. 7664-38-21.

Poisonous and Deleterious Substances Act (Japan): Deleterious, [Glycolic acid, CAS No. 79-14-1].

Chemical Substances Subject to Permission (Korea): This material contains no reportable components.

Restricted or Prohibited Substances (Korea): This material contains no reportable components. Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000 (Malaysia): Schedule I exposure standard, [Phosphoric acid, CAS No. 7664-38-2].

Philippine Inventory of Chemicals and Chemical Substances (PICCS): Toxic Substances and Hazardous and Nuclear Wastes Control Act (RA6969):, [Phosphoric acid, CAS No. 7664-38-2].

Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This material contains no reportable components.

Hazardous Substances Act (Thailand): Type 1, [Phosphoric acid, CAS No. 7664-38-2]. Law on Chemicals (Vietnam): Annex I, Appendix V, Appendix VII, [Phosphoric acid, CAS No. 7664-38-2].

--Australia and New Zealand--.

Australian Dangerous Goods Code: Class 8.

Australian Inventory of Chemical Substances (AICS): Priority Existing Chemical, [PEC 12, Glycolic acid, CAS No. 79-14-1].

New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.

--European Union (EU) and the United Kingdom (UK)--.

Authorisation List (Annex XIV of REACH): This material contains no reportable components.

Annex XVII for REACH: This material contains no reportable components.

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

Article 95 of the Biocidal Products Regulation (BPR): Not applicable.

--North America --.

Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt.

Toxic Substances Control Act (TSCA): All ingredients listed or exempt.

Massachusetts Right-to-Know Hazardous Substance List: Phosphoric acid.

New Jersey Worker and Community Right to Know Act: Phosphoric acid.

Pennsylvania Right to Know Law: Phosphoric acid.

Rhode Island Right-to-Know General Law: Phosphoric acid.

\*\*California residents please note\*\*.

California Proposition 65: This material contains no reportable components.

California Cleaning Product Right-to-Know Act of 2017 (SB 258): See Attachment A for complete list and additional information.

### SECTION 16: Other information

### Other information

### Revision

This document differs from the previous version in the following areas:.

- 1 Description.
- 1 Product Use.
- 1 Manufactured By:.
- 2 Other hazards.
- 2 2.1.2. Classification EC 1272/2008.
- 2 Precautionary Statement: Prevention.
- 2 Precautionary Statement: Response.
- 2 Precautionary Statement: Storage.
- 2 Precautionary Statement: Disposal.
- 4 Further information.
- 7 7.2. Conditions for safe storage, including any incompatibilities.
- 7 Further information.
- 8 Further information.
- 9 9.1. Information on basic physical and chemical properties (PH).
- 9 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 9.1. Information on basic physical and chemical properties (Explosive properties).
- 9 9.2. Other information (Product Subcategory).
- 10 10.5. Incompatible materials.
- 11 11.1.4. Toxicological Information.
- 11 Repeated or prolonged exposure.
- 11 11.1.7. Information on likely routes of exposure.
- 12 12.1. Toxicity.
- 12 12.6. Other adverse effects.
- 13 Further information.
- 14 ADR/RID.
- 14 IMDG.
- 14 IATA.
- 15 Chemical Inventories/Right-to-Know Lists:.
- 16 Maximum content of VOC.

### **Acronyms**

ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).

CAS No.: Chemical Abstracts Service.

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### Other information

GHS: Globally Harmonized System.

HCS 2012: U.S. Hazard Communication Standard (2012 revision).

IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation. IMDG: International Maritime Dangerous Goods.

LD: Lethal dose.

OEL: Occupational exposure limit.

OSHA: U.S. Occupational Safety and Health Administration.

PEL: Permissible Exposure Limit.

REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals.

SVHC: Substance of very high concern.

US DOT: United States Department of Transportation.

VOC: Volatile Organic Compound. WEL: Workplace Exposure Limit.

# Text of Hazard Statements in Section 3

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.

Acute Tox. 4: H332 - Harmful if inhaled.

### **Further information**

DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

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