

SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

BioSentry® Acid Tray Wash

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 Revision
 2

 Revision date
 2019-12-02

Product name BioSentry® Acid Tray Wash Product code D12204605, D12204609, D12204619 I.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. I.3. Details of the supplier of the safety data sheet Safety data sheet Company Neogen Corporation Address 620 Lesher Place Lansing MI 48912 USA Web www.neogen.com 517-372-9200/800-234-5333 SDS@neogen.com I.4. Emergency telephone number 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)	SECTION 1: Identification of the substance/mixture and of the company/undertaking					
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1 Classification of the substance or mixture	SECTION 2: Hazards identif	ication				
	2.1. Classification of the substar	nce or mixture				
	2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314;				
2.2. Label elements	2.2. Label elements					



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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): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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 or doctor/physician.
	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

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% (Phosphoric 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,

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4.1. Description of first aid meas	ures			
	take off immediately all contaminated clothing, and wash immediately with plenty of soap and 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 symptoms a	nd 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 immediate	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 mea	asures			
5.1. Extinguishing media				
	Use extinguishing media appropriate to the surrounding fire conditions.			
5.2. Special hazards arising from	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 relea	ase measures			
6.1. Personal precautions, protections	ctive 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 precautions				
	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 co	ntainment 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 sections



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

c v d r v g t t	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			

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% (Phosphoric	8-hour OEL ppm:	8-hour OEL mg/m3: 1
acid)	8-hour OEL f/cc:	15-min or ceiling (c) OEL ppm:
	15-min or ceiling (c) OEL mg/m3: 3	Substance interaction 1,2,3: 3

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
8.2.2. Individual protection measures	Wear chemical protective clothing. Do not breathe dust or vapour.
Eye / face protection	Wear: Approved safety goggles, Face shield.
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.



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8.2. Exposure controls	
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 instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
	Clear/Red
	Characteristic
	No data available
-	No data available
	No data available
-	No data available
Flammability limits	
	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	Not applicable.
Oxidising	No data available
Solubility	Soluble in water

9.2. Other information

VOC (Volatile organic compounds)		
SECTION 10: Stability and reactivity		
10.1. Reactivity		
	Stable under normal conditions.	
10.2. Chemical stability		
	Stable under normal conditions.	
10.3. Possibility of hazardous rea	actions	
	Under the specified conditions, hazardous reactions that lead to excessive temperatures or	



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10.3. Possibility of hazardous re	actions
	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	products
	Carbon oxides.
SECTION 11: Toxicological i	information
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	
	No data available
11.1.5. Hazard Class	
	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.



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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 dat	
	<1% of this mixture consists of ingredients of unknown acute toxicity.
11.1.12. Mixture versus substan	ce information
	See Section(s) 3 for further information.
11.1.13. Other information	
	Caution - substance not yet fully tested.
SECTION 12: Ecological info	ormation
12.1. Toxicity	
	No data available
12.2. Persistence and degradab	· ility
	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	
12.4. Mobility in soil	No data ia available an this anadust
12.5. Results of PBT and vPvB	No data is available on this product.
12.5. Results of PBT and VPVB	
12.6. Other adverse effects	No data is available on this product.
12.6. Other adverse effects	Contains substance/s) which are becardous to the environment
	Contains substance(s) which are hazardous to the environment.
SECTION 13: Disposal cons	iderations
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
	equipment or disposal of wastes. Do not empty into drains; dispose of this material and its



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Disposal methods	
	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 i	nformation
Hazard pictograms	
14.1. UN number	
	UN3264
14.2. UN proper shipping na	me
	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid)
14.3. Transport hazard class	e(es)
ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA Subsidiary risk	8
14.4. Packing group	
Packing group	
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	

30 L Maximum quantity Copyright © 2019 ChemSoft. All rights reserved.

Packing Instruction (Cargo)

855

ΙΑΤΑ	
Packing Instruction (Passenger)	851
Maximum quantity	1L

SECTION 15: Regulatory information

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

Develotions	VALUATION OPACT and the second of the transmission of the transmis
Regulations	WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).
	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,
	[Phosphoric acid, CAS No. 7664-38-2].
	Poisonous and Deleterious Substances Act (Japan): Deleterious substance, [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.
	Article 95 of the Biocidal Products Regulation (BPR): Not applicable.



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

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 (Boiling point).
	9 - 9.1. Information on basic physical and chemical properties (Explosive).
	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
	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.
	GHS: Globally Harmonized System.
	HCS 2012: U.S. Hazard Communication Standard (2012 revision).



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Other information	
	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	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Section 3	Skin Irrit. 2: H315 - Causes skin irritation.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Acute Tox. 4: H332 - Harmful if inhaled.

Further information

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