

Kit SDS Cover Sheet

Product Name:

Item No(s):

This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). Articles, and otherwise immobilized and inaccessible chemicals, that are biocidal or pesticidal do not require a Safety Data Sheet under the Workplace Hazardous Materials Information System (WHMIS) of Health Canada.

Kit Components:

For product information, please contact your Neogen Corporation Representative. For further information regarding this SDS, please contact <u>SDS@neogen.com</u>.

> 620 Lesher Pl | Lansing, Ml | 48912 (517) 372-9200 | www.neogen.com

Version Date: Revision: Replaces:



SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

Page 1/10

Rapid Extraction Buffer, Type 7

Revision 1 Revision date 2023-03-27

SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Rapid Extraction Buffer, Type 7
Product code	NE2208
1.2. Relevant identified uses of t	he substance or mixture and uses advised against
Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for use in routine analytics, including quality control and monitoring. Do not use components from one kit with any other kit.
1.3. Details of the supplier of the	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 numb	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)
SECTION 2: Hazards identifi	cation
2.1. Classification of the substar	ice or mixture
2.1.2. Classification - GHS	Based on available data, this product is not classified as hazardous.
2.2. Label elements	
Hazard Statement	No Significant Hazard
2.3. Other hazards	
Other hazards	Contains material(s) which may be harmful if swallowed.
SECTION 3: Composition/inf	ormation on ingredients
3.2. Mixtures	



2.2 Mir

EC 1272/2008						
Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
Sodium azide (Sodium azide As Sodium azide)	011-004-00-7	26628-22-8	247-852-1			5 Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Description						
	Concer	trations liste	ed are not p	roduct specifica	tions.	
Particle Characteristics						
	Not app	licable.				
Further information						
	Full tex	t of Hazard	Statements	listed in this Se	ction is provide	ed in Section 16.
SECTION 4: First aid me	asures					
4.1. Description of first aid m	neasures					
Inhalation		-	-		-	give oxygen. If breathing stops, n or symptoms persist.
Eye contact		nmediately on or sympt			t lenses shoul	d be removed. Seek medical attention
Skin contact		e contamina ms persist.	ited clothing	g. Wash with soa	ip and water. S	Seek medical attention if irritation or
Ingestion	thoroug					ntrol center or doctor. Rinse mouth person. Get medical advice/attention
4.2. Most important sympton	ns and effects	s, both acute	e and delay	ed		
Inhalation	May ca	use irritation	n to respirat	ory system.		
Eye contact	May ca	use irritation	n to eyes.			
Skin contact	May ca	use irritation	n to skin.			
Ingestion	1 *	,		ind vomiting.		
4.3. Indication of any immed	iate medical a	attention and	d special tre	eatment needed		
	there a	re burns or s	symptoms of		k medical atte	n immediately. Transfer to hospital if ention if irritation or symptoms persist. at hand.
SECTION 5: Firefighting	measures					
5.1. Extinguishing media						
	Use ext	inguishing r	nedia appro	opriate to the sur	rounding fire c	conditions.
5.2. Special hazards arising	from the sub	stance or mi	ixture			
		t does not si vater course	••		allow undiluted	I product to be released to ground
5.3. Advice for firefighters						
		breathe vap al-protective	-	y mist. Wear sel	-contained bre	eathing apparatus and
SECTION 6: Accidental r	elease mea	sures				
Copyright © 2023 ChemSoft. All rights re	served.		Powered b	y emSoft EH&S		Print date 2023-03-2

Revision 1

Revision date 2023-03-27

6.1. Personal precautions, protective equipment and emergency procedures

0.1. Feisonal precautions, prote	cive equipment and emergency procedures
	Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.
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 spillage to prevent material damage. 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	
	See Section(s) 2, 8, and 13 for further information.
SECTION 7: Handling and st	torage
7.1. Precautions for safe handlin	
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Use as appropriate: Protective clothing. Read the entire label and follow all use directions, restrictions, and precautions.
7.2. Conditions for safe storage,	including any incompatibilities
	Store at temperatures between 2 °C and 8 °C. Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. 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. Follow label instructions.
SECTION 8: Exposure contr	ols/personal protection
8.1. Control parameters	
	No occupational exposure limits known.
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Use as appropriate: Protective equipment.
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Handprotection	Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.
Skin protection - Other	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other



laundry, with detergent and water before reuse.

Revision 1

Revision c	late 20	23-03-27
------------	---------	----------

8.2. Exposure controls	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health
controls	effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash
	station.

Further information

Remove and wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Aqueous solution
Colour	Clear/Colourless
Odour	Odourless
Odour threshold	No data available
рH	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
Vapour pressure	No data available
Relative Vapour Density	No data available
Density / Relative Density	No data available
Partition coefficient (P)	No data available
Autoignition temperature	No data available
Viscosity	No data available
Oxidising	No data available
Explosive	Not applicable.
Flammability limits	Not applicable.
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic	No data available
compounds)	
Gas group	Not applicable.

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 reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or



Revision 1

Revision date 2023-03-27

10.3. Possibility of hazardous reactions				
	pressure are not expected.			
10.4. Conditions to avoid				
	Keep away from extreme temperatures.			
10.5. Incompatible materials				
	No data available.			
10.6. Hazardous decomposition	products			
	Carbon oxides.			
SECTION 11: Toxicological i	nformation			
11.1 Information on hazard class	ses			
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	May cause irritation to skin.			
Serious eye damage/irritation	May cause irritation to eyes.			
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.			
Germ cell mutagenicity	No mutagenic effects reported.			
Carcinogenicity	No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC)			
	Monographs.			
	No components at >0,01% are listed in the National Toxicology Program (NTP) Report on			
	Carcinogens. 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.			
STOT-repeated exposure	No Significant Hazard.			
Aspiration hazard	No Significant Hazard.			
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. 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	l			
	No data available			
11.1.5. Hazard Class				
	See Section(s) 2 and 14 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 rout	es of exposure			
	Eye contact. Skin contact. Ingestion. Inhalation.			



Revision 1

Revision date 2023-03-27

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	a
	<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	
	No data available.
Further information	
	No data available.
SECTION 12: Ecological info	prmation
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.
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB a	assessment
	No data is available on this product.
12.6 Endocrine disrupting prope	rties
	No data is available on this product.
12.7 Other adverse effects	
	Specific test data for the mixture is not available.
Further information	
	Keep out of lakes, ponds, or streams. Do not let product contaminate subsoil.
SECTION 13: Disposal cons	iderations
13.1. Waste treatment methods	
	Dispose of in compliance with all local and national regulations. Follow label instructions.
Disposal methods	
	Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.
Disposal of packaging	



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.
SECTION 14: Transport info	rmation
14.1. UN number	
	The product is not classified as dangerous for carriage.
14.2. UN proper shipping name	
	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es))
	The product is not classified as dangerous for carriage.
14.4. Packing group	
	The product is not classified as dangerous for carriage.
14.5. Environmental hazards	
44.0.0	The product is not classified as dangerous for carriage.
14.6. Special precautions for use	
14.7 Moritimo Tropoport in bulk	The product is not classified as dangerous for carriage.
14.7 Maritime Transport in bulk a	The product is not classified as dangerous for carriage.
SECTION 15: Regulatory inf	
	mental regulations/legislation specific for the substance or mixture
Regulations	WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).
	International
	Basel Convention (Hazardous Waste): Not applicable. Chemical Weapons Convention (OPCW): This product contains no hazardous substances at or
	above published reporting levels.
	Kyoto Protocol Greenhouse Gases: This product contains no hazardous substances at or above published reporting levels.
	Mercosur Agreement: Applicable.
	Montreal Protocol: This product contains no hazardous substances at or above published
	reporting levels. The Rotterdam Convention: This product contains no hazardous substances at or above published reporting levels.
	The Stockholm Convention: This product contains no hazardous substances at or above published reporting levels.
	Asia and the ASEAN Nations Catalog of Hazardous Chemicals (China): [217, Sodium azide, CAS No. 26628-22-8 (<0.1%)]. 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: This product contains no hazardous substances at or above published reporting levels. Air Pollution Control Law (Japan): This product contains no hazardous substances at or above



Revision	date	2023-03-27

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture			
	published reporting levels.		
	Chemical Substances Control Law (Japan):. Type II monitoring, No. 158 [Sodium azide, CAS No.		
	26628-22-8 (<0.1%)].		
	Industrial Safety and Health Act, Dangerous Substances (Japan): This product contains no		
	hazardous substances at or above published reporting levels.		
	Poisonous and Deleterious Substances Act (Japan): This product contains no hazardous		
	substances at or above published reporting levels.		
	PRTR-SDS Law (Japan): Class I environmental release, [Sodium azide, CAS No. 26628-22-8		
	(<0.1%)].		
	Soil Contamination Countermeasures Act (Japan): This product contains no hazardous substances		
	at or above published reporting levels.		
	Water Pollution Control Law (Japan): This product contains no hazardous substances at or above		
	published reporting levels.		
	Chemical Substances Subject to Permission (Korea): This product contains no hazardous		
	substances at or above published reporting levels.		
	Restricted or Prohibited Substances (Korea): This product contains no hazardous substances at		
	or above published reporting levels.		
	Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000 (Malaysia): Schedule I exposure standard, CLASS regulation, [Sodium azide, CAS No.		
	26628-22-8 (<0.1%)].		
	Philippine Inventory of Chemicals and Chemical Substances (PICCS): Toxic Substances and		
	Hazardous and Nuclear Wastes Control Act (RA6969):, All ingredients listed or exempt., No		
	restrictions.		
	Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This product contains		
	no hazardous substances at or above published reporting levels.		
	Hazardous Substances Act (Thailand): This product contains no hazardous substances at or		
	above published reporting levels.		
	Law on Chemicals (Vietnam): Decree 113/2017/ND-CP: List of chemicals subject to be restricted		
	in industrial production and trading, Decree 113/2017/ND-CP: List of chemicals subject to		
	compulsory declaration, [Sodium azide, CAS No. 26628-22-8 (<0.1%)].		
	Australia and New Zealand		
	Australia and New Zealand		
	Australian Dangerous Goods Code: Not applicable.		
	Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt., No restrictions.		
	New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt., No restrictions.		
	European Union (EU) and the United Kingdom (UK)		
	Authorisation List (Annex XIV of REACH): This product contains no hazardous substances at or		
	above published reporting levels.		
	Annex XVII for REACH: This product contains no hazardous substances at or above published		
	reporting levels, No restrictions.		
	Article 95 of the Biocidal Products Regulation (BPR): Not applicable.		
	North America		
	North America		
	Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt., No		
	restrictions.		
	Toxic Substances Control Act (TSCA): All ingredients listed or exempt. Massachusetts Right-to-Know Hazardous Substance List: This product contains no hazardous		
	substances at or above published reporting levels.		
	New Jersey Worker and Community Right to Know Act: This product contains no hazardous		
	substances at or above published reporting levels.		
	Pennsylvania Right to Know Law: This product contains no hazardous substances at or above		



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

Revision 1

Revision date 2023-03-27

published reporting levels. Rhode Island Right-to-Know General Law: This product contains no hazardous substances at or above published reporting levels. California Proposition 65: This product does not contain reportable substances at >0,0001% concentration. **SECTION 16: Other information** Other information Revision This document differs from the previous version in the following areas:. 1 - Description. 3 - Description. 3 - Particle Characteristics. 11 - 11.2 Information on other hazards. 12 - 12.6 Endocrine disrupting properties. 15 - Regulations. 15 -. Acronyms ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR). CAS No.: Chemical Abstracts Service. CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia). FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act. 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. STOT: Specific Target Organ Toxicity. 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 EUH032 - Contact with acids liberates very toxic gas. Section 3 Acute Tox. 2: H300 - Fatal if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. 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.

Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS



 Revision
 1

 Revision date
 2023-03-27

Further information	
	OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED
	WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF
	PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS
	PRODUCT are made with respect to this product or use of this product. The product covered is
	furnished "as is" and only subject to the warranties herein provided, no liability is assumed
	resulting from the use of this product.

