

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, do not have a Safety Data Sheet in this packet.
Kit Components:
For product information, please contact your Neogen Corporation Representative.
For further information regarding this SDS, please contact <u>SDS@neogen.com</u> .



# SAFETY DATA SHEET

according to DENR Administrative order N°2015-09 and GHS

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# MDA2-Quantitative Salmonella Reagent Tubes

**Revision** 0 **Revision date** 2024-01-22

Print date 2024-01-22

	Revision date 2024-01-2		
SECTION 1: Identification of	of the substance/mixture and of the company/undertaking		
1.1. Product identifier			
Product name	MDA2-Quantitative Salmonella Reagent Tubes		
Product code	400001501		
1.2. Relevant identified uses of the 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	ne safety data sheet		
Company name	Neogen Corporation		
Address	620 Lesher Place		
	Lansing MI 48912 USA		
Web	www.neogen.com		
Telephone number	517-372-9200/800-234-5333		
Email	SDS@neogen.com		
1.4. Emergency telephone nun	nber		
	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 ident	ification		
2.1. Classification of the substance 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. Dust may be irritating if inhaled.		
SECTION 3: Composition/information on ingredients			
Description			
	No components need to be disclosed according to the applicable regulations.  Concentrations listed are not product specifications.		
Particle Characteristics			
	No data available.		

**Further information** 

**Revision** 0 **Revision date** 2024-01-22

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Further information	
	Full text of Hazard Statements listed in this Section is provided in Section 16.
SECTION 4: First aid measu	ıres
4.1. Description of first aid measure	sures
Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms a	and effects, both acute and delayed
Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.
4.3. Indication of any immediate	e 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. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
SECTION 5: Firefighting me	easures
5.1. Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions.
5.2. Special hazards arising from	m the substance or mixture
	Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.
5.3. Advice for firefighters	
	Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.
SECTION 6: Accidental rele	ase measures
6.1. Personal precautions, prote	ective equipment and emergency procedures
	Avoid formation of dust. 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	ontainment and cleaning up
	Avoid formation of dust. 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	3
	See Section(s) 2, 8, and 13 for further information.

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# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

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. Follow label instructions.

Store in correctly labelled containers. Keep container tightly closed. Protect from moisture. Do not contaminate water, food, or feed by storage or disposal.

#### 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

No occupational exposure limits known.

#### 8.2. Exposure controls







# 8.2.1. Appropriate engineering controls

8.2.2. Individual protection

Use as appropriate: Protective equipment.

measures

Eye / face protection

Skin protection - Handprotection

Use as appropriate: Suitable eye protection.

Ensure adequate ventilation of the working area.

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.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Dust may be irritating if inhaled.

Occupational exposure controls

Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

## **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

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# 9.1. Information on basic physical and chemical properties

Appearance	Solid/Pellets
Colour	White
Odour	Odourless
Odour threshold	No data available
pH	No data available
Melting point	214 - 216 °C
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative Vapour Density	No data available
Fat Solubility	No data available
Partition coefficient (P)	No data available
Autoignition temperature	No data available
Viscosity	Not applicable.
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

# 9.2. Other information

Conductivity	No data available
Surface tension	Not applicable.
Specific gravity	1.58
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic	No data available
compounds)	

# SECTION 10: Stability and reactivity

10.1. Reactivity		
	Stable under normal conditions.	

10.2. Ch	emical	stabilit	У	
				Stable under normal conditions.
40.0.0				

# 10.3. Possibility of hazardous reactions

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. Protect from moisture.

# 10.5. Incompatible materials

No data available.

# 10.6. Hazardous decomposition products

Carbon oxides.

# SECTION 11: Toxicological information

**Revision** 0 Revision date 2024-01-22

# 11.1 Information on hazard classes

11.1 IIIIOIIIIauoii oii iiazaiu cias	
Acute toxicity	Based on available data, the classification criteria are not met.
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.
	Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen, [Polyvinyl pyrrolidone, CAS No. 9003-39-8].
	No components at >0,01% are listed in the National Toxicology Program (NTP) Report on Carcinogens.
Danua desativa tarrialt.	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	1
	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. Inhalation. Ingestion.
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.

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11.1.13. Other information	
	No data available.
11.2 Information on other hazar	ds
	No data available.
SECTION 12: Ecological infe	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.
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 Endocrine disrupting prope	orties
	No data is available on this product.
12.7 Other adverse effects	
	Specific test data for the substance or mixture is not available.
Further information	
	Keep out of lakes, ponds, or streams.
SECTION 13: Disposal cons	siderations
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	
	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.
Further information	The improvements and the container. Place in trastition offer for recycling, in available.
Turilor information	Refer to product label and/or package insert for additional information. Follow label instructions.
OFOTION 44. Transport info	
SECTION 14: Transport info	rmation
14.1. UN number	T
112 101	The product is not classified as dangerous for carriage.
14.2. UN proper shipping name	I <del></del>
440 Trans (1)	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es	
444 D. III	The product is not classified as dangerous for carriage.
14.4. Packing group	

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14.4. Packing group		
	The product is not classified as dangerous for carriage.	
14.5. Environmental hazards		
	The product is not classified as dangerous for carriage.	
14.6. Special precautions for user		
	The product is not classified as dangerous for carriage.	
14.7 Maritime Transport in bulk according to IMO instruments		
	The product is not classified as dangerous for carriage.	

# SECTION 15: Regulatory information

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

WEL: Workplace Exposure Limit.

Regulations	According to DENR Administrative order N°2015-09 and GHS.		
Chemical	Contact SDS@neogen.com for additional information. Please specify country or region with your		
Inventories/Right-to-Know	request.		
Lists:			
	California Proposition 65: This product does not contain reportable substances at >0,0001%		
	concentration.		

# SECTION 16: Other information

#### Other information

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.

#### **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 OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED

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Further information  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.		
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	Further information	
		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



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according to DENR Administrative order N°2015-09 and GHS

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# MDA2-Quantitative Salmonella Lysis Solution

Revision 0
Revision date 2024-01-22

	Revision date 2024-01-2		
SECTION 1: Identification of	the substance/mixture and of the company/undertaking		
1.1. Product identifier			
Product name	MDA2-Quantitative Salmonella Lysis Solution		
Product code	400001500		
1.2. Relevant identified uses of t	the 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 name	Neogen Corporation		
Address	620 Lesher Place		
	Lansing MI 48912 USA		
Web	www.neogen.com		
Telephone number	517-372-9200/800-234-5333		
Email	SDS@neogen.com		
1.4. Emergency telephone numb	per		
	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 identif			
2.1. Classification of the substar			
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/information on ingredients			

# EC 1272/2008

3.2. Mixtures

Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
Acetic acid% (Acetic acid)	607-002-00-6	64-19-7	200-580-7	0	- <0.001%	Flam. Liq. 3: H226; Skin Corr. 1A: H314;

Revision date 2024-01-22

	Revision date 2024-01-2
Description	
	No components need to be disclosed according to the applicable regulations.  Concentrations listed are not product specifications.
Particle Characteristics	
	Not applicable.
Further information	•
	Full text of Hazard Statements listed in this Section is provided in Section 16.
SECTION 4: First aid measu	
4.1. Description of first aid meas	
Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms a	and effects, both acute and delayed
Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	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. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
SECTION 5: Firefighting me	asures
5.1. Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions.
5.2. Special hazards arising fror	n the substance or mixture
	Product does not support combustion. Do not allow undiluted product to be released to ground water, water course or sewage system.
5.3. Advice for firefighters	
	Do not breathe vapour or spray mist. Wear self-contained breathing apparatus and chemical-protective clothing.
SECTION 6: Accidental rele	ase measures
6.1. Personal precautions, prote	ctive 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	ontainment and cleaning up

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# MDA2-Quantitative Salmonella Lysis Solution

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# 6.3. Methods and material for containment 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 storage

# 7.1. Precautions for safe handling

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. Follow label instructions. Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal.

## 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 controls/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

Skin protection -

Use as appropriate: Suitable eye protection.

Handprotection Skin protection - Other Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.

Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.

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. 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

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# 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Unpleasant
Odour threshold	No data available
pH	7
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
Relative Vapour Density	No data available
Density / Relative Density	1
Partition coefficient (P)	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

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic	
compounds)	

# SECTION 10: Stability and reactivity

10.1. Reactivity	10.1.	Reactivity
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Stable under normal conditions.
Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or
pressure are not expected.

# 10.4. Conditions to avoid

10.2. Chemical stability

ı	Keep away	from extreme	temperatures.
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# 10.5. Incompatible materials

No data available.

# 10.6. Hazardous decomposition products

Carbon oxides.

# SECTION 11: Toxicological information

# 11.1 Information on hazard classes

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11.1 Information on hazard clas	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.  Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen, [Polyvinyl pyrrolidone, CAS No. 9003-39-8 (<0.1%)].  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	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of		
exposure	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	•		
	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 rou	tes 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 date	za		
	<1% of this mixture consists of ingredients of unknown acute toxicity.		
11.1.12. Mixture versus substan	'		
	See Section(s) 3 for further information.		
	1		

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11.1.13. Other information	
	No data available.
11.2 Information on other hazard	ds
	No data available.
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.
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 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	<u>,                                      </u>
	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	
	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.
OFOTION 44. Toward info	
SECTION 14: Transport info	rmation
14.1. UN number	T
112 101	The product is not classified as dangerous for carriage.
14.2. UN proper shipping name	I
110 7	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es	
44.4 Park	The product is not classified as dangerous for carriage.
14.4. Packing group	
44.5. Emilio (11)	The product is not classified as dangerous for carriage.
14.5. Environmental hazards	

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14.5.	Environ	mental	hazar	ds
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The product is not classified as dangerous for carriage.

#### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## 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:

According to DENR Administrative order N°2015-09 and GHS.

Contact SDS@neogen.com for additional information. Please specify country or region with your request.

California Proposition 65: This product does not contain reportable substances at >0,0001% concentration

# SECTION 16: Other information

#### Other information

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 Section 3

Flam. Liq. 3: H226 - Flammable liquid and vapour.

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

# **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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# MDA2-Quantitative Salmonella Lysis Solution

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Further information	
	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.



# SAFETY DATA SHEET

according to DENR Administrative order N°2015-09 and GHS

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# MDA2-Reagent Control Pack

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SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	MDA2-Reagent Control Pack	
Product code	400001343	
1.2. Relevant identified uses of	the 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 th	e safety data sheet	
Company name	Neogen Corporation	
Address	620 Lesher Place	
	Lansing MI 48912 USA	
Web	www.neogen.com	
Telephone number	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)	
SECTION 2: Hazards identi	fication	
2.1. Classification of the substa	nnce 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	Dust may be irritating if inhaled.	
SECTION 3: Composition/information on ingredients		
Description		
	No components need to be disclosed according to the applicable regulations.  Concentrations listed are not product specifications.	
Particle Characteristics		
	No data available.	

**Further information** 

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	Revision date 2023-09-0
Further information	
	Full text of Hazard Statements listed in this Section is provided in Section 16.
SECTION 4: First aid me	asures
4.1. Description of first aid m	neasures
Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
4.2. Most important sympton	ns and effects, both acute and delayed
Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.
4.3. Indication of any immed	iate 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. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
SECTION 5: Firefighting	measures
5.1. Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions.
5.2. Special hazards arising	from the substance or mixture
	Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.
5.3. Advice for firefighters	
J	Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.
SECTION 6: Accidental r	release measures
	rotective equipment and emergency procedures
	Avoid formation of dust. Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.
6.2. Environmental precaution	ons
	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 fo	or containment and cleaning up
	Avoid formation of dust. 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 secti	ions
	See Section(s) 2, 8, and 13 for further information.

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# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

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. Follow label instructions.

Store in correctly labelled containers. Keep container tightly closed. Protect from moisture. Do not contaminate water, food, or feed by storage or disposal.

#### 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

No occupational exposure limits known.

#### 8.2. Exposure controls







# 8.2.1. Appropriate engineering controls

8.2.2. Individual protection

Use as appropriate: Protective equipment.

measures

Eye / face protection

Skin protection - Handprotection

Use as appropriate: Suitable eye protection.

Ensure adequate ventilation of the working area.

Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.

Skin protection - Other

Respiratory protection

Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other

laundry, with detergent and water before reuse.

In case of insufficient ventilation, wear suitable respiratory equipment. Dust may be irritating if inhaled.

Occupational exposure controls

Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

## **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

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# 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	White
Odour	Odourless
pH	7
Melting point	215 °C
Density / Relative Density	1
Partition coefficient (P)	No data available
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	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)	No data available
Vapour pressure	No data available
Relative Vapour Density	No data available
Odour threshold	No data available
Viscosity	Not applicable.
Solubility	Soluble in water

# 9.2. Other information

Conductivity	No data available	
Gas group	No data available	
Benzene Content	No data available	
Lead content	No data available	
VOC (Volatile organic		
compounds)		
Surface tension	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
pressure are not expected.

# 10.4. Conditions to avoid

Keep away from extreme temperatures. Protect from moi	sture.
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# 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Carbon oxides.

# SECTION 11: Toxicological information

## 11.1 Information on hazard classes



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11.1 Information on hazard clas	808
Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation Serious eye damage/irritation	May cause irritation to skin.  May cause irritation to eyes.
Respiratory or skin	May cause allergic reactions in susceptible people.
sensitisation	way 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.  Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen, [Polyvinyl pyrrolidone, CAS No. 9003-39-8].  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	ו
	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 rou	tes of exposure
	Eye contact. Skin contact. Inhalation. Ingestion.
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	ta
	<1% of this mixture consists of ingredients of unknown acute toxicity.
11.1.12. Mixture versus substan	
	See Section(s) 3 for further information.

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11.1.13. Other information		
	No data available.	
11.2 Information on other hazard	ds	
	No data available.	
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.	
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 Endocrine disrupting prope	rties	
	No data is available on this product.	
12.7 Other adverse effects		
	Specific test data for the substance or mixture is not available.	
Further information		
	Keep out of lakes, ponds, or streams.	
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		
	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.	
Further information		
	Refer to product label and/or package insert for additional information. Follow label instructions.	
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		

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14.4. Packing group		
	The product is not classified as dangerous for carriage.	
14.5. Environmental hazards		
	The product is not classified as dangerous for carriage.	
14.6. Special precautions for user		
	The product is not classified as dangerous for carriage.	
14.7 Maritime Transport in bulk according to IMO instruments		
	The product is not classified as dangerous for carriage.	
SECTION 15: Regulatory information		

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

WEL: Workplace Exposure Limit.

Regulations	According to DENR Administrative order N°2015-09 and GHS.
Chemical	Contact SDS@neogen.com for additional information. Please specify country or region with your
Inventories/Right-to-Know	request.
Lists:	
	California Proposition 65: This product does not contain reportable substances at >0,0001%
	concentration.

# SECTION 16: Other information

## Other information

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.	
	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.	

#### **Further information**

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