Conforms to Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals

SAFETY DATA SHEET

Agilent Technologies

Universal Rat Reference RNA, Part Number 740200

Section 1. Identification

Product identifier : Universal Rat Reference RNA, Part Number 740200

Part no. (chemical kit) : 740200

Part no. : RNase Free Water 740000-42
Universal Rat Reference RNA 740200-41

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Analytical reagent.

RNase Free Water 1.5 ml
Universal Rat Reference RNA 2 x 1.8 ml (200 µg ppt in EtOH)

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

Universal Rat Reference RNA

H225 FLAMMABLE LIQUIDS - Category 2
H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

GHS label elements

Hazard pictograms : Universal Rat Reference RNA

Signal word : RNase Free Water: No signal word.
Universal Rat Reference RNA: DANGER

Hazard statements : RNase Free Water: No known significant effects or critical hazards.
Universal Rat Reference RNA: H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

Precautionary statements

Prevention : RNase Free Water: Not applicable.
Universal Rat Reference RNA: P280 - Wear eye or face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Section 2. Hazard(s) identification

Response	:	RNase Free Water	Not applicable.
		Universal Rat Reference RNA	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
Storage	:	RNase Free Water	Not applicable.
		Universal Rat Reference RNA	Not applicable.
Disposal	:	RNase Free Water	Not applicable.
		Universal Rat Reference RNA	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

Additional warning phrases	:	RNase Free Water	Not applicable.
		Universal Rat Reference RNA	Not applicable.
Other hazards which do not result in classification	:	RNase Free Water	None known.
		Universal Rat Reference RNA	None known.

Section 3. Composition and ingredient information

Substance/mixture	:	RNase Free Water	Substance
		Universal Rat Reference RNA	Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
RNase Free Water		
water	100	7732-18-5
Universal Rat Reference RNA		
Ethanol	≥60 - ≤75	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	:	RNase Free Water	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		Universal Rat Reference RNA	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Section 4. First aid measures

Inhalation

: RNase Free Water — Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Universal Rat Reference RNA — Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: RNase Free Water — Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Universal Rat Reference RNA — Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: RNase Free Water — Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Universal Rat Reference RNA — Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: RNase Free Water — No known significant effects or critical hazards.

Universal Rat Reference RNA — Causes serious eye irritation.

Inhalation

: RNase Free Water — No known significant effects or critical hazards.

Universal Rat Reference RNA — No known significant effects or critical hazards.

Skin contact

: RNase Free Water — No known significant effects or critical hazards.

Universal Rat Reference RNA — No known significant effects or critical hazards.

Ingestion

: RNase Free Water — No known significant effects or critical hazards.

Universal Rat Reference RNA — No known significant effects or critical hazards.

Over-exposure signs/symptoms

Section 4. First aid measures

Eye contact

RNase Free Water: No specific data.

Universal Rat Reference RNA: Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation

RNase Free Water: No specific data.

Universal Rat Reference RNA: No specific data.

Skin contact

RNase Free Water: No specific data.

Universal Rat Reference RNA: No specific data.

Ingestion

RNase Free Water: No specific data.

Universal Rat Reference RNA: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

RNase Free Water: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Universal Rat Reference RNA: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments

RNase Free Water: No specific treatment.

Universal Rat Reference RNA: No specific treatment.

Protection of first-aiders

RNase Free Water: No action shall be taken involving any personal risk or without suitable training.

Universal Rat Reference RNA: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media

RNase Free Water: Use an extinguishing agent suitable for the surrounding fire.

Universal Rat Reference RNA: Use dry chemical, CO_2, water spray (fog) or foam.

Unsuitable extinguishing media

RNase Free Water: None known.

Universal Rat Reference RNA: Do not use water jet.

Specific hazards arising from the chemical

RNase Free Water: In a fire or if heated, a pressure increase will occur and the container may burst.

Universal Rat Reference RNA: Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Hazardous thermal decomposition products

RNase Free Water: No specific data.

Universal Rat Reference RNA: Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Section 5. Firefighting measures

Special protective actions for fire-fighters :

RNase Free Water: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Universal Rat Reference RNA: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters :

RNase Free Water: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Universal Rat Reference RNA: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazchem code :

RNase Free Water: Not available.

Universal Rat Reference RNA: •2YE

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel :

RNase Free Water: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

Universal Rat Reference RNA: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders :

RNase Free Water: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Universal Rat Reference RNA: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions :

RNase Free Water: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Universal Rat Reference RNA: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Section 6. Accidental release measures

Methods for cleaning up :

RNase Free Water: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Universal Rat Reference RNA: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures :

RNase Free Water: Put on appropriate personal protective equipment (see Section 8).

Universal Rat Reference RNA: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene :

RNase Free Water: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Universal Rat Reference RNA: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities :

RNase Free Water: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Universal Rat Reference: Store in accordance with local regulations. Store in a

Section 7. Handling and storage

RNA	segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Universal Rat Reference RNA Ethanol	**Safe Work Australia (Australia, 10/2022).** TWA: 1880 mg/m³ 8 hours. TWA: 1000 ppm 8 hours.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls and personal protection

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state : RNase Free Water: Liquid.
Universal Rat Reference RNA: Liquid.

Colour : RNase Free Water: Colourless.
Universal Rat Reference RNA: Not available.

Odour : RNase Free Water: Odourless.
Universal Rat Reference RNA: Not available.

Odour threshold : RNase Free Water: Not available.
Universal Rat Reference RNA: Not available.

pH : RNase Free Water: 7
Universal Rat Reference RNA: Not available.

Melting point/freezing point : RNase Free Water: 0°C (32°F)
Universal Rat Reference RNA: Not available.

Boiling point, initial boiling point, and boiling range : RNase Free Water: 100°C (212°F)
Universal Rat Reference RNA: Not available.

Flash point : RNase Free Water: Not available.
Universal Rat Reference RNA: Closed cup: -18 to 23°C (-0.4 to 73.4°F) [Based on solvent.]

Evaporation rate : RNase Free Water: Not available.
Universal Rat Reference RNA: Not available.

Flammability : RNase Free Water: Not applicable.
Universal Rat Reference RNA: Not applicable.

Lower and upper explosion limit/flammability limit : RNase Free Water: Not available.
Universal Rat Reference RNA: Not available.

Vapour pressure : RNase Free Water: 2.3 kPa (17.5 mm Hg) [room temperature]
12.3 kPa (92.258 mm Hg) [50°C (122°F)]

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
Universal Rat Reference RNA						
Ethanol	42.94865	5.7	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-

Relative vapour density : RNase Free Water: 0.62 [Air = 1]
Universal Rat Reference RNA: Not available.

Section 9. Physical and chemical properties and safety characteristics

Relative density :

RNase Free Water	1
Universal Rat Reference RNA	Not available.

Solubility(ies) :

Media	Result
RNase Free Water	
water	Soluble
Universal Rat Reference RNA	
water	Soluble

Partition coefficient: n-octanol/water :

RNase Free Water	-1.38
Universal Rat Reference RNA	Not applicable.

Auto-ignition temperature :

Ingredient name	°C	°F	Method
Universal Rat Reference RNA			
Ethanol	455	851	DIN 51794

Decomposition temperature :

RNase Free Water	Not available.
Universal Rat Reference RNA	Not available.

Viscosity :

RNase Free Water	Not available.
Universal Rat Reference RNA	Not available.

Particle characteristics

Median particle size :

RNase Free Water	Not applicable.
Universal Rat Reference RNA	Not applicable.

Section 10. Stability and reactivity

Reactivity :

RNase Free Water	No specific test data related to reactivity available for this product or its ingredients.
Universal Rat Reference RNA	No specific test data related to reactivity available for this product or its ingredients.

Chemical stability :

RNase Free Water	The product is stable.
Universal Rat Reference RNA	The product is stable.

Possibility of hazardous reactions :

RNase Free Water	Under normal conditions of storage and use, hazardous reactions will not occur.
Universal Rat Reference RNA	Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid :

RNase Free Water	No specific data.
Universal Rat Reference RNA	Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials :

RNase Free Water	May react or be incompatible with oxidising materials.
Universal Rat Reference RNA	Reactive or incompatible with the following materials: oxidising materials

Section 10. Stability and reactivity

Hazardous decomposition products : RNase Free Water — Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Universal Rat Reference RNA — Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Universal Rat Reference RNA				
Ethanol	LC50 Inhalation Vapour	Rat	124700 mg/m³	4 hours
	LD50 Oral	Rat	7 g/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Universal Rat Reference RNA					
Ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	0.066666667 minutes 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 uL	-

Sensitisation

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : RNase Free Water — Not available.

Universal Rat Reference RNA — Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Eye contact : RNase Free Water — No known significant effects or critical hazards.

Universal Rat Reference RNA — Causes serious eye irritation.

Section 11. Toxicological information

Inhalation	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.
Skin contact	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.
Ingestion	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	RNase Free Water	No specific data.
		Universal Rat Reference RNA	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	:	RNase Free Water	No specific data.
		Universal Rat Reference RNA	No specific data.
Skin contact	:	RNase Free Water	No specific data.
		Universal Rat Reference RNA	No specific data.
Ingestion	:	RNase Free Water	No specific data.
		Universal Rat Reference RNA	No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.
Carcinogenicity	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.
Mutagenicity	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.
Reproductive toxicity	:	RNase Free Water	No known significant effects or critical hazards.
		Universal Rat Reference RNA	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Section 11. Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Universal Rat Reference RNA Ethanol	7000	N/A	N/A	124.7	N/A

Other information : Universal Rat Reference RNA

Adverse symptoms may include the following:
Repeated exposure may cause skin dryness or cracking.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Universal Rat Reference RNA Ethanol	Acute EC50 3306 mg/l Marine water Acute EC50 1074 mg/l Fresh water Acute EC50 2 mg/l Fresh water Acute LC50 11000000 µg/l Marine water Chronic NOEC 4.995 mg/l Marine water Chronic NOEC 100 ul/L Fresh water	Algae - *Ulva pertusa* Crustaceans - *Cypris subglobosa* Daphnia - *Daphnia magna* Fish - *Alburnus alburnus* Algae - *Ulva pertusa* Daphnia - *Daphnia magna* - Neonate	96 hours 48 hours 48 hours 96 hours 96 hours 21 days

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
RNase Free Water water	-	-	Readily
Universal Rat Reference RNA Ethanol	-	-	Readily

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
RNase Free Water water	-1.38	-	Low
Universal Rat Reference RNA Ethanol	-0.35	0.5	Low

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	ADG	IMDG	IATA
UN number	UN3316	UN3316	UN3316
UN proper shipping name	CHEMICAL KIT	CHEMICAL KIT	Chemical kit
Transport hazard class(es)	9 	9 	9 
Packing group	II	II	II
Environmental hazards	No.	No.	No.

Additional information

Remarks: Excepted Quantity

ADG : **Hazchem code** 2Z
Special provisions 251, 340

IMDG : **Emergency schedules** F-A, _S-P_
Special provisions 251, 340

IATA : **Quantity limitation** Passenger and Cargo Aircraft: 10 kg. Packaging instructions: 960. Cargo Aircraft Only: 10 kg. Packaging instructions: 960. Limited Quantities - Passenger Aircraft: 1 kg. Packaging instructions: Y960.
Special provisions A44, A163

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Section 15. Regulatory information

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : All components are listed or exempted.

New Zealand : All components are listed or exempted.

United States : All components are active or exempted.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 28/03/2024

Date of previous issue : 30/03/2021

Version : 8

Key to abbreviations : ADG = Australian Dangerous Goods
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SUSMP = Standard Uniform Schedule of Medicine and Poisons
UN = United Nations

Procedure used to derive the classification

Classification	Justification
Universal Rat Reference RNA	
FLAMMABLE LIQUIDS - Category 2	Expert judgment
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A	Calculation method

Indicates information that has changed from previously issued version.

Notice to reader

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