



SDS-RPR-PC

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Safety Data Sheet
RPR Reactive Control

Section 1: Identification of the substance/mixture

1.1 Product Identifier:

Trade name: RPR REACTIVE CONTROL

Product code: GSD01-1600-PC

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

Use of substance / mixtures: In-vitro component

Uses advised against: No additional information available

1.3 Details of the supplier of the safety data sheet:

Supplier: Gold Standard Diagnostics

Address: Davis, CA 95618 U.S.A.

Contact number: GSD Technical Services 24 hour line: 1-888-977-4739

Emergency number: Contact your local Emergency Health Provider. For additional emergency assistance contact OSHA 24 hour Emergency line at: 1-800-321-OSHA / 1-800-321-6742.

Section 2: Hazard Identification

2.1 Classification of substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP]
EUH032

Full text of hazard classes and H-statements: See Section 16

Adverse physiochemical, human health and environmental effects:
Harmful if swallowed. Contact with acids liberates very toxic gas.

2.2 Label Elements:

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP):

Signal word (CLP): Warning

Hazardous ingredients: Sodium Azide

EINECS: 247-852-1

CAS: 26628-22-8

CLP Classification: Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; -: EUH032

Percent: <1%

Contains material of human origin

Hazard statements (CLP): EUH032: Contact with acids liberates very toxic gas.

Precautionary statements (CLP): P264 – Wash hands thoroughly after handling

280 – Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice.

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2.3 Other hazards not contributing to the classification:

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Section 3: Composition/information on ingredients

3.1 Substances:

Not applicable

3.2 Mixtures:

Comments: Solvent mixture with additives

Full text of H statements: See Section 16

Mixture Classifications:

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium azide Substance with a Community workplace exposure limit. Substance with national workplace exposure limit(s) (GB)	(CAS-No.) 26628-22-8 (EC-No.) 247-852-1 (EC Index-No.) 011-004-00-7	< 1%	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox 2. (Inhalation: dust, mist), H330 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits: Not applicable.

Section 4: First aid measures

4.1 Description of first aid measures:

Inhalation Measures: Remove person to fresh air and keep comfortable for breathing. Seek medical advice.

Skin contact Measures: Take off contaminated clothing. Wash skin with plenty of soap and water. Cover wounds with sterile bandage. Get medical advice if skin irritation persists. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact Measures: In case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical advice.

Ingestion Measures: Rinse mouth out with water. Drink plenty of water. DO NOT induce vomiting. Call a doctor. Call a poison center or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed:

Symptoms/effects: No additional information available

Symptoms/effects after skin contact: May cause slight irritation.

Symptoms/effects after eye contact: May cause eye irritation and redness

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Symptoms/effects after ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Symptoms/effects after inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically

Section 5 Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Unsuitable extinguishing media: No information available.

5.2 Special Hazards arising from the substance or mixture:

Exposure hazards: In combustion emits toxic fumes

5.3 Advice for Firefighters:

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information: Do not allow run-off from firefighting to enter drains or water courses.

6.1 Personal precautions, protective equipment and emergency procedures:

Section 6: Accidental release measures

6.1.1 For non-emergency personnel:

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2 For emergency responders:

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8. "Exposure controls/personal protection". Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions:

Prevent entry to drains and waterways. Contain spillage using bunding.

6.3 Methods and material for containment and cleaning up:

Methods for cleaning up: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Other information: No additional information available.

6.4 Reference to other sections:

Information for safe handling refer to section 7. Concerning personal protective equipment to use refer to section 8. For further disposal information refer to section 13.



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**Safety Data Sheet
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Precautions: Ensure good ventilation of the work station. Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities:

Storage conditions: 2-8°C. Keep container tightly closed.

7.3 Specific end use(s): No data available.**Section 8: Exposure controls/personal protection****8.1 Control Parameters:****Hazardous ingredients:****SODIUM AZIDE****Workplace exposure limits:**

State: UK

8 hour TWA: 0.1 mg/m³15 min. STEL: 0.3 mg/m³**8.2 Exposure controls:**

Appropriate engineering controls: Not applicable

Hand protection: Protective gloves

Eye protection: Safety glasses. Ensure eye bath is readily available

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Respiratory protection not required

Environmental exposure controls: No special controls

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties:**

Physical state: Liquid

Color: Pale yellow

Odor: Barely perceptible odor

Odor threshold: Not data available

pH: No data available

Relative evaporation rate (butylacetate = 1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available



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Effect: Acute toxicity (harmful)

Route: ING

Basis: Hazardous: calculated

Acute Toxicity: No data available**Skin corrosion/irritation:** There may be mild irritation at the site of contact**Serious eye damage/irritation:** There may be irritation and redness

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Respiratory or skin sensitization: Absorption through the lungs can occur causing symptoms similar to those of ingestion

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: No data available

STOT- repeated exposure: No data available

Aspiration hazard: No data available

Section 12: Ecological information

12.1 Toxicity:

Ecology – general: No data available

12.2 Persistence and Degradability:

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Persistence and Degradability	No additional information available.

12.3 Bio-Accumulative potential:

<i>RPR Reactive Control</i>	
Bio-Accumulative	No additional information available.

12.4 Mobility in Soil:

<i>RPR Reactive Control</i>	
Mobility in Soil	Readily absorbed into soil.

12.5 Results of PBT and vPvB Assessment:

<i>RPR Reactive Control</i>	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6 Other adverse effects: No additional information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Operations: Transfer to a suitable container and arrange for collection by a specialized disposal company.

Recovery operations: Not applicable.

Waste code number: 180107

Methods: Disposal must be done according to official regulations. European waste catalogue.

Product/Packaging disposal recommendations: Comply with local regulations for disposal.

Section 14: Transport information

In accordance with ADR/RID/IMDG/IATA/AND

ADR	IMDG	IATA	ADN	RID
14.1 UN Number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2 UN Proper Shipping Name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport document description				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental Hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No Supplementary Information Available				

14.6 Special Precautions for User:

Overland Transport: Not applicable

Transport by Sea: Not applicable

Air Transport: Not applicable

Inland Waterway Transport: Not applicable

Rail Transport: Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable

Section 15: Regulatory information

15.1 Safety, Health and Environment Regulations/Legislation specific for the Substance or Mixture:

15.1.1. EU-Regulations:

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National Regulations:

No additional information available

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out.

Section 16: Other information

Data sources: Information provided by the manufacturer. Safety Data Sheet provided by the supplier.

Department issuing data specification sheet: Gold Standard Diagnostics
Davis, CA 95618 U.S.A.

Contact information: GSD Technical Services 1-888-977-4739

Other information: None.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: Not applicable

Abbreviations and Acronyms:

ADN	Accord européen relative au transport international des marchandises dangereuses par voie de navigation intérieure (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways).
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LC50	Median lethal concentration
LOAEL	Lowest Observed Adverse Effect level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Adverse Effect Concentration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

Full Text of H- and EUH-Statements:

EUH032	Contact with acids liberates very toxic gas
H300	Fatal if swallowed
H400	Very toxic to aquatic life
H410	Very harmful to aquatic life with long lasting effects
R22	Harmful if swallowed
R28	Very toxic if swallowed
R32	Contact with acids liberates very toxic gases
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product