

# SAFETY DATA SHEET

Factor V Leiden Assay

## Section 1. Identification

**Product identifier** : Factor V Leiden Assay  
**Product code** : OQY111, 10873903  
**Product type** : Solid.

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

Not applicable.

**Manufactured/supplied** : Sysmex Americas  
577 Aptakistic RD  
Lincolnshire, IL 60069  
Company Phone Number: (224) 543-9500

**Emergency telephone number** ChemTel Inc.  
1-800-255-3924 (North America)  
1-813-248-0585 (International)

## Section 2. Hazards identification

**OSHA/HCS status** : PR3V Reagent  
Activator Reagent  
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or mixture** : **PR3V Reagent**  
SERIOUS EYE DAMAGE  
Category 1  
**Additional information** : Not available.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

### GHS label elements

**Hazard pictograms** :



**Signal word** : PR3V Reagent  
Activator Reagent

Danger  
No signal word.

**Hazard statements** : PR3V Reagent  
Activator Reagent

H318 - Causes serious eye damage.  
No known significant effects or critical hazards.

### Precautionary statements

**Prevention** : PR3V Reagent  
Activator Reagent

P280 - Wear eye or face protection.  
Not applicable.

## Section 2. Hazards identification

<b>Response</b>	: PR3V Reagent	P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
	Activator Reagent	Not applicable.
<b>Storage</b>	: PR3V Reagent	Not applicable.
	Activator Reagent	Not applicable.
<b>Disposal</b>	: PR3V Reagent	Not applicable.
	Activator Reagent	Not applicable.
<b>Supplemental label elements</b>	: PR3V Reagent	None known.
	Activator Reagent	None known.
<b>Hazards not otherwise classified</b>	: PR3V Reagent	None known.
	Activator Reagent	None known.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: PR3V Reagent	Mixture
	Activator Reagent	Mixture

Ingredient name	%	CAS number
<b>PR3V Reagent</b>		
calcium diformate	≤10	544-17-2
sodium azide	<1	26628-22-8
<b>Activator Reagent</b>		
sodium azide	≤0.3	26628-22-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	: PR3V Reagent	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
	Activator Reagent	
<b>Inhalation</b>	: PR3V Reagent	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.
		Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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

## Section 4. First aid measures

	Activator Reagent	providing aid to give mouth-to-mouth resuscitation. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Skin contact</b>	: PR3V Reagent	Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	Activator Reagent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: PR3V Reagent	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. 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.
	Activator Reagent	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.

### **Most important symptoms/effects, acute and delayed**

#### **Potential acute health effects**

<b>Eye contact</b>	: PR3V Reagent Activator Reagent	Causes serious eye damage. No known significant effects or critical hazards.
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## Section 4. First aid measures

<b>Inhalation</b>	: PR3V Reagent	No known significant effects or critical hazards.
	Activator Reagent	No known significant effects or critical hazards.
<b>Skin contact</b>	: PR3V Reagent	No known significant effects or critical hazards.
	Activator Reagent	No known significant effects or critical hazards.
<b>Ingestion</b>	: PR3V Reagent	No known significant effects or critical hazards.
	Activator Reagent	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Eye contact</b>	: PR3V Reagent	Adverse symptoms may include the following: pain watering redness
	Activator Reagent	No specific data.
<b>Inhalation</b>	: PR3V Reagent	No specific data.
	Activator Reagent	No specific data.
<b>Skin contact</b>	: PR3V Reagent	Adverse symptoms may include the following: pain or irritation redness blistering may occur
	Activator Reagent	No specific data.
<b>Ingestion</b>	: PR3V Reagent	Adverse symptoms may include the following: stomach pains
	Activator Reagent	No specific data.

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

<b>Notes to physician</b>	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific treatments</b>	: No specific treatment.
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

<b>Suitable extinguishing media</b>	: In case of fire, use water spray (fog), foam or dry chemical.
<b>Unsuitable extinguishing media</b>	: None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides phosphorus oxides metal oxide/oxides
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## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : 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.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : 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 spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized 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** : Avoid dispersal of spilled 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 materials for containment and cleaning up

- Small spill** : Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : 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** : 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. Store locked up. 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
<b>PR3V Reagent</b> sodium azide	<b>ACGIH TLV (United States, 1/2021).</b> C: 0.29 mg/m <sup>3</sup> , (as Sodium azide) C: 0.11 ppm, (as Hydrazoic acid vapor) <b>OSHA PEL 1989 (United States, 3/1989).</b> <b>Absorbed through skin.</b> CEIL: 0.1 ppm, (as HN3) CEIL: 0.3 mg/m <sup>3</sup> , (as NaN3) <b>NIOSH REL (United States, 10/2020).</b> <b>Absorbed through skin.</b> CEIL: 0.1 ppm, (as HN3) CEIL: 0.3 mg/m <sup>3</sup> , (NaN3)
<b>Activator Reagent</b> sodium azide	<b>ACGIH TLV (United States, 1/2021).</b> C: 0.29 mg/m <sup>3</sup> , (as Sodium azide) C: 0.11 ppm, (as Hydrazoic acid vapor) <b>OSHA PEL 1989 (United States, 3/1989).</b> <b>Absorbed through skin.</b> CEIL: 0.1 ppm, (as HN3) CEIL: 0.3 mg/m <sup>3</sup> , (as NaN3) <b>NIOSH REL (United States, 10/2020).</b> <b>Absorbed through skin.</b> CEIL: 0.1 ppm, (as HN3) CEIL: 0.3 mg/m <sup>3</sup> , (NaN3)

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**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: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

#### 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**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.

## Section 8. Exposure controls/personal protection

- 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.
- 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

<b>Physical state</b>	: PR3V Reagent Activator Reagent	Solid. Solid.
<b>Color</b>	: PR3V Reagent Activator Reagent	White. Yellowish. [Light]
<b>Odor</b>	: PR3V Reagent Activator Reagent	Odorless. Odorless.
<b>pH</b>	: PR3V Reagent Activator Reagent	Not applicable. Not available.
<b>Flash point</b>	: PR3V Reagent Activator Reagent	[Product does not sustain combustion.] Not relevant/applicable due to nature of the product.
<b>Flammability (solid, gas)</b>	: PR3V Reagent  Activator Reagent	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
<b>Relative density</b>	: PR3V Reagent Activator Reagent	Not available. Not available.
<b>Solubility(ies)</b>	:	
Not available.		
<b>Solubility in water</b>	: PR3V Reagent Activator Reagent	Not available. Not available.
<b>Partition coefficient: n-octanol/water</b>	: PR3V Reagent  Activator Reagent	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
<b>Auto-ignition temperature</b>	: PR3V Reagent  Activator Reagent	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
<b>Viscosity</b>	: PR3V Reagent  Activator Reagent	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
<b><u>Aerosol product</u></b>		
<b>Type of aerosol</b>	: PR3V Reagent Activator Reagent	Not applicable. Not applicable.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: PR3V Reagent  Activator Reagent	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: PR3V Reagent Activator Reagent	The product is stable. The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.	

## Section 10. Stability and reactivity

<b>Conditions to avoid</b>	: PR3V Reagent Activator Reagent	No specific data. No specific data.
<b>Incompatible materials</b>	: PR3V Reagent Activator Reagent	No specific data. No specific data.
<b>Hazardous decomposition products</b>	: PR3V Reagent  Activator Reagent	Under normal conditions of storage and use, hazardous decomposition products should not be produced. 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
<b>PR3V Reagent</b> calcium diformate sodium azide	LD50 Oral	Rat	2560 mg/kg	-
	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
<b>Activator Reagent</b> sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-

**Conclusion/Summary** : PR3V Reagent Not available.  
Activator Reagent Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>PR3V Reagent</b> calcium diformate	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-

#### Conclusion/Summary

**Skin** : PR3V Reagent Not available.  
Activator Reagent Not available.

**Eyes** : PR3V Reagent Not available.  
Activator Reagent Not available.

**Respiratory** : PR3V Reagent Not available.  
Activator Reagent Not available.

#### Sensitization

Not available.

#### Conclusion/Summary

**Skin** : PR3V Reagent Not available.  
Activator Reagent Not available.

**Respiratory** : PR3V Reagent Not available.  
Activator Reagent Not available.

#### Mutagenicity

Not available.

**Conclusion/Summary** : PR3V Reagent Not available.  
Activator Reagent Not available.

#### Carcinogenicity

Not available.

**Conclusion/Summary** : PR3V Reagent Not available.  
Activator Reagent Not available.



## Section 11. Toxicological information

### Reproductive toxicity

Not available.

**Conclusion/Summary** : PR3V Reagent Not available.  
 Activator Reagent Not available.

### Teratogenicity

Not available.

**Conclusion/Summary** : PR3V Reagent Not available.  
 Activator Reagent Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : PR3V Reagent Not available.  
 Activator Reagent Not available.

### Potential acute health effects

**Eye contact** : PR3V Reagent Causes serious eye damage.  
 Activator Reagent No known significant effects or critical hazards.

**Inhalation** : PR3V Reagent No known significant effects or critical hazards.  
 Activator Reagent No known significant effects or critical hazards.

**Skin contact** : PR3V Reagent No known significant effects or critical hazards.  
 Activator Reagent No known significant effects or critical hazards.

**Ingestion** : PR3V Reagent No known significant effects or critical hazards.  
 Activator Reagent No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : PR3V Reagent Adverse symptoms may include the following:  
 pain  
 watering  
 redness  
 Activator Reagent No specific data.

**Inhalation** : PR3V Reagent No specific data.  
 Activator Reagent No specific data.

**Skin contact** : PR3V Reagent Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur  
 Activator Reagent No specific data.

**Ingestion** : PR3V Reagent Adverse symptoms may include the following:  
 stomach pains  
 Activator Reagent No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

## Section 11. Toxicological information

**Potential immediate effects** : PR3V Reagent Not available.  
 Activator Reagent Not available.

**Potential delayed effects** : PR3V Reagent Not available.  
 Activator Reagent Not available.

### Long term exposure

**Potential immediate effects** : PR3V Reagent Not available.  
 Activator Reagent Not available.

**Potential delayed effects** : PR3V Reagent Not available.  
 Activator Reagent Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary** : Not available. PR3V Reagent  
 Not available. Activator Reagent

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
<b>PR3V Reagent</b> calcium diformate sodium azide	2560 27	N/A 20	N/A N/A	N/A N/A	N/A N/A
<b>Activator Reagent</b> sodium azide	27	20	N/A	N/A	N/A

**Interactive effects** : PR3V Reagent Not available.  
 Activator Reagent Not available.

**Other information** : PR3V Reagent Not available.  
 Activator Reagent Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
<b>PR3V Reagent</b> sodium azide	Acute EC50 9200 µg/l Marine water	Algae - <i>Macrocystis pyrifera</i>	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - <i>Simocephalus serrulatus</i> - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - <i>Daphnia pulex</i> - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - <i>Lepomis macrochirus</i>	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - <i>Macrocystis pyrifera</i>	96 hours
<b>Activator Reagent</b> sodium azide	Acute EC50 9200 µg/l Marine water	Algae - <i>Macrocystis pyrifera</i>	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - <i>Simocephalus serrulatus</i> - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - <i>Daphnia pulex</i> - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - <i>Lepomis macrochirus</i>	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - <i>Macrocystis pyrifera</i>	96 hours

**Conclusion/Summary** : PR3V Reagent Not available.  
 Activator Reagent Not available.

## Section 12. Ecological information

### Persistence and degradability

**Conclusion/Summary** : PR3V Reagent Not available.  
 Activator Reagent Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
PR3V Reagent calcium diformate	-2.3	-	low

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : PR3V Reagent Not available.  
 Activator Reagent Not available.  
**Mobility** : PR3V Reagent Not available.  
 Activator Reagent 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 minimized 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
 Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

## Section 14. Transport information

### DOT Classification

<b>UN number</b>	PR3V Reagent Activator Reagent	Not regulated. Not available.
<b>UN proper shipping name</b>	PR3V Reagent Activator Reagent	- Not available.
<b>Transport hazard class(es)</b>	PR3V Reagent Activator Reagent	- Not available.
<b>Packing group</b>	PR3V Reagent Activator Reagent	- -
<b>Environmental hazards</b>	PR3V Reagent Activator Reagent	No. No.
<b>Additional information</b>	PR3V Reagent Activator Reagent	- -

### TDG Classification

<b>UN number</b>	PR3V Reagent Activator Reagent	Not regulated. Not available.
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## Section 14. Transport information

<b>UN proper shipping name</b>	PR3V Reagent Activator Reagent	- Not available.
<b>Transport hazard class(es)</b>	PR3V Reagent Activator Reagent	- Not available.

<b>Packing group</b>	PR3V Reagent Activator Reagent	- -
<b>Environmental hazards</b>	PR3V Reagent Activator Reagent	No. No.
<b>Additional information</b>	PR3V Reagent Activator Reagent	- -

### ADR/RID

<b>UN number</b>	PR3V Reagent Activator Reagent	Not regulated. Not available.
<b>UN proper shipping name</b>	PR3V Reagent Activator Reagent	- Not available.
<b>Transport hazard class(es)</b>	PR3V Reagent Activator Reagent	- Not available.

<b>Packing group</b>	PR3V Reagent Activator Reagent	- -
<b>Environmental hazards</b>	PR3V Reagent Activator Reagent	No. No.
<b>Additional information</b>	PR3V Reagent Activator Reagent	- -

### IMDG

<b>UN number</b>	PR3V Reagent Activator Reagent	Not regulated. Not available.
<b>UN proper shipping name</b>	PR3V Reagent Activator Reagent	- Not available.
<b>Transport hazard class(es)</b>	PR3V Reagent Activator Reagent	- Not available.

<b>Packing group</b>	PR3V Reagent Activator Reagent	- -
<b>Environmental hazards</b>	PR3V Reagent Activator Reagent	No. No.
<b>Additional information</b>	PR3V Reagent Activator Reagent	- -

### IATA

<b>UN number</b>	PR3V Reagent Activator Reagent	Not regulated. Not available.
<b>UN proper shipping name</b>	PR3V Reagent Activator Reagent	- Not available.

## Section 14. Transport information

**Transport hazard class(es)** PR3V Reagent  
Activator Reagent -  
Not available.

**Packing group** PR3V Reagent -  
Activator Reagent -

**Environmental hazards** PR3V Reagent No.  
Activator Reagent No.

**Additional information** PR3V Reagent -  
Activator Reagent -

**Special precautions for user** : PR3V Reagent

Activator Reagent

**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 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 applicable.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
<b>PR3V Reagent</b> sodium azide	0.527	Yes.	500	-	1000	-
<b>Activator Reagent</b> sodium azide	0.159	Yes.	500	-	1000	-

**SARA 304 RQ** : 247320.7 lbs / 112283.6 kg

### SARA 311/312

**Classification** : SERIOUS EYE DAMAGE - Category 1

#### Composition/information on ingredients

## Section 15. Regulatory information

Name	%	Classification
<b>PR3V Reagent</b> calcium diformate sodium azide	≤10 <1	SERIOUS EYE DAMAGE - Category 1 ACUTE TOXICITY (oral) - Category 2 ACUTE TOXICITY (dermal) - Category 1
<b>Activator Reagent</b> sodium azide	≤0.3	ACUTE TOXICITY (oral) - Category 2 ACUTE TOXICITY (dermal) - Category 1

### State regulations

- Massachusetts** : None of the components are listed.  
**New York** : None of the components are listed.  
**New Jersey** : None of the components are listed.  
**Pennsylvania** : None of the components are listed.

### California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 3/27/2024

**Version** : 1

**Key to abbreviations** : 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)  
UN = United Nations N/A = Not available SGG = Segregation Group

🔍 Indicates information that has changed from previously issued version.