

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 04/27/2021 Version: 1.0

1.1.   Identification     Product form   :   Mixture     Trade name   :   25086B     Product code   :   25086B     1.2.   Recommended use and restrictions on use   Recommended use   :   Use as laboratory reagent, Manufacture of substances     1.3.   Supplier   Projysciences   400 Valley Read   Warrington, PA 18976 - United States     T + 1215 343 6484 - F + 1215 343 0214   Info@clevisedeces.com   Harrington, PA obysciences.com     400 Valley Read   Marrington, PA obysciences.com   Emergency telephone number     Emergency telephone number   :   24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard (s) Identification   Editorial Content on the substance or mixture     GRSU Bissification   Causes serious eye irritation     Serious eye damageleye irritation Category 2A   Causes serious eye irritation     Cause group irritation   :   Warning     Hazard pictograms (GHS US)   :   :     Signal word (GHS US)   :   :     Hazard pictograms (GHS US)   :   :     Waah protective gloves/protective editing/eye protection.   :     If N E YES, Sines cauli	ECTION 1: Identification			
Product form : Mixture Trade name : Periodic Acid 0.5% Product code : 25088B <b>1.2. Recommended use and restrictions on use</b> Recommended use : Use as laboratory reagent, Manufacture of substances <b>1.3. Supplier</b> <b>Supplier</b> Polysciences <b>3.0. Supplier</b> Polysciences <b>3.1. Energency</b> telephone number T + 127 5343 484 - F + 1215 3343 0214 Info@Dolysclences.com : www.polysciences.com <b>1.4. Energency</b> telephone number <b>2.1. Classification of the substance or mixture</b> <b>2.1. Classification of the substance or mixture</b> <b>2.2. GHS Label elements, including precautionary statements</b> <b>3.3. Substance</b> <b>3.4. Exercised (CHS US)</b> Frecautionary statements (CHS US) Frecautionary statements (CHS US) <b>3.1. EXERS:</b> Finale calino available <b>2.2. Other hazards which do not result in classification</b> No additional information available <b>2.4. Unknown acute toxicity (GHS US)</b> <b>3.5. Substances</b> <b>3.6. Substances</b> <b>3.7. Substances</b> <b>3.7. Substances</b> <b>3.6. Substances</b> <b>3.7. Other hazards which do not result in classification</b> <b>3.6. Substances</b> <b>3.7. Other hazards which do not result in classification</b> <b>3.6. Substances</b> <b>3.7. Other hazards which do not result in classification</b> <b>3.7. Other hazards which do not result in classification</b> <b>3.8. Substances</b> <b>3.9. Substances</b> <b>3.1. Substances</b> <b>3.1. Substances</b> <b>3.1. Substances</b> <b>3.2. Mixtures</b> <b>3.1. Substances</b> <b>3.3. Mixtures</b> <b>3.4. Mixtures</b> <b>3.5. Substances</b> <b>3.6. Mixtures</b> <b>3.7. Mixtures</b> <b>3.7</b>				
Trade name   :   Periodic Acid 0.5%     Product acide   :   250868     1.2.   Recommended use and restrictions on use   Recommended use and restrictions on use     Recommended use   :   Use as laboratory reagent, Manufacture of substances     3.1.   Supplier   Polysicences     Polysicences   Warnigon, PA 18976 - United States   Supplier     Production Rame   -   -     Emergency telephone number   :   24-hour emergency phone number ChemTel 1-800-255-3924     Stefficiation of the substance or mixture   -   -     Stefficiation of the substance or mixture   -   -     C1.   Classification   -   -     Stefficiation of the substance or mixture   -   -   -     C2.   OHS Label elements, including procautionary statements   -   -   -     GHS Us labeling   :   :   :   :   :   :     Signal word (GHS US)   :   :   :   :   :   :   :   :   :   :     Signal word (GHS US)   :   :   :   :   : <t< td=""><td></td><td>: Mixture</td><td></td><td></td></t<>		: Mixture		
Product code   : 25086B     1.2.   Recommended use and restrictions on use     Recommended use   : Use a laboratory reagent, Manufacture of substances     Supplier   Polysionnes     Supplier   Supplier     Polysionnes   Warnington, PA 19976 - United States     T + 121 50 4904 - F + 12 15 343 0214   Info@polysistences.com     1.4.   Emergency talephone number     Emergency number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) identification   Serious eye damage/eye lintation Category 2A     Causes serious eye irritation   Causes serious eye irritation     2.1.   OHS Laboledements, including precautionary statements     SHS US laboling   : Causes serious eye irritation     Hazard pictograms (GHS US)   : Warning     Hazard statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Warning     Hazard bic Ognamis (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Warning     Hazard statements (GHS US)   : Warning     Hazard bic Ognamis (GHS US)   : Warning     Hazard bic Ognamis (GHS US)   : Guases serious eye irritation <td></td> <td></td> <td></td> <td></td>				
12.   Recommended use and restrictions on use     Recommended use   : Use as laboratory reagent, Manufacture of substances     3.3   Supplier     Polysteinces   400 Valley Road     400 Valley Road   Warington, PA 18976 - United States     T + 12 15 343 6464 - F + 12 15 343 0214   InitioRizoPolysteinces.com     40.4   Emergency telephone number     Emergency telephone number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : Causes serious eye irritation     Statistication   : Causes serious eye irritation     Signal word (CHS US)   : Warning     Hazard pictograms (GHS US)   : Warning     Hazard statements (CHS US)   : Warning     Hazard statements (CHS US)   : Warning <				
Recommended use   : Use as laboratory reagent, Manufacture of substances     Supplier   Polysiences 400 Valley Road Warrington, PA 18976 - United States T + 12 15 343 6484 - F + 12 15 343 0214 info@polysiences com - www.polysichenes.com   Image: State State States T + 12 15 343 6484 - F + 12 15 343 0214 info@polysiences com - www.polysichenes.com     14.   Emergency tubephone number   Exercise State States T + 12 15 343 6484 - F + 12 15 343 0214 info@polysiences com - www.polysichenes.com     14.   Emergency tubephone number   Exercise State States T + 12 15 343 6484 - F + 12 15 343 0214 info@polysiences com - www.polysichenes.com     14.   Emergency tubephone number   Exercise State States States States States States States States States States StateStates States St				
1.3. Supplier     Supplier     Polysolances     000 Valley Road     Warnington, PA 19976 - United States     T+1215 343 6444 - F +1 215 343 0214     Info@polysciences.com - www.polysciences.com     1.4. Emergency telephone number     Emergency number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) identification     2.1. Classification of the substance or mixture     GHS Label elements, including precautionary statements     GHS Us classification     Signal word (GHS US)   : Warning     Hazard pictograms (GHS US)   : Warning     Causes serious eye irritation     Frecautionary statements (GHS US)   : Warning     Warning thands, forearms and face thoroughly after handling.     Wear protective glows/protective cloting/eye protection.     WFI NEXPES   Warning     'E VAPES   : Warning     'E VAPES   : Warning     'E variable's classification   : Warning     'Hazer distatements (GHS US)   : Warning <td></td> <td></td> <td>nufacturo of substanc</td> <td>200</td>			nufacturo of substanc	200
Supplier Polysciences 400 Valley Road Warrington, PA 18976 - United States T + 12 T5 343 0214 Info@polysciences.com - www.polysciences.com     1.4.   Emergency telephone number     Emergency number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   : 24-hour emergency phone number ChemTel 1-800-255-3924     Statistication Of the substance or mixture   : 34-hour emergency initiation     Calssification Of the substance or mixture   : 34-hour emergency initiation     Statistication Calssification   : 34-hour emergency initiation     Stard pictograms (CHS US)   : Warning     Hazard statements (CHS US)   : Causes serious eye irritation     Preceautionary statements (GHS US)   : Causes serious eye irritation     Wear protective gloves/protective clobing/eye protection/face protection. WF IN EVES: Rrise caused to indicisely with water for several minutes. Remove contact lenses, and easy to do. Continue missing. If eye irritation persists: Get medical advice/attention     2.3.   Other hazards which do not result in classification     No addition		. Use as laboratory reagent, Ma		,65
Projsciences 400 Valley Road Warrington, PA 18976 - United States 1+1 215 343 6244 - F+1 215 343 6214 Info@polysciences.com - www.polysciences.com     14.   Emergency telephone number     Emergency number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) Identification   Image: ChemTel 1-800-255-3924     Section 9: House and the substance or mixture   GHS US classification     Serious eye damage/eye irritation Category 2A   Causes serious eye irritation     2.1.   GHS Label elements, including precautionary statements     GHS US labeling   Image: Causes serious eye irritation     Precautionary statements (GHS US)   : Warning     Hazard pictograms (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Warning     Hazard pictograms (GHS US)   : Warning     Hazard pictograms (GHS US)   : Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection. If IP KPES: Rines cautously with water for several minutes. Remove contact lenses, and easy to do. Continue rinsing. If eye irritation ensisti. Get medical advice/attention     No additional information available   Image: Composition/Information on ingredients     2.1.   Other hazards which do not result in classification     No additional information available   Image: Composition/Informatio	3. Supplier			
Emergency number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) identification     21. Classification of the substance or mixture     GHS US classification     Serious eye damage/eye irritation Category 2A   Causes serious eye irritation     22. GHS Label elements, including precautionary statements     GHS US labeling     Hazard pictograms (GHS US)   : Warning     Exact statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Warning     Precautionary statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Usach hands, forearms and face thoroughly after handling. Wear protective gloves/protective clouning/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention     2.3. Other hazards which do not result in classification   Image: StepTionMistore and StepTionMis	Polysciences 100 Valley Road Narrington, PA 18976 - United Stat Γ +1 215 343 6484 - F +1 215 343 (	214		
Emergency number   : 24-hour emergency phone number ChemTel 1-800-255-3924     SECTION 2: Hazard(s) identification     21.   Classification of the substance or mixture     GHS US classification     Serious eye damage/eye irritation Category 2A   Causes serious eye irritation     22.   GHS Label elements, including precautionary statements     GHS US labeling   Environment     Hazard pictograms (GHS US)   : Warning     Exact statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Causes serious eye irritation     Waar protective gloves/protective coloning/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, and easy to do. Continue rinsing. If eye irritation persists. Get medical advice/attention     2.3.   Other hazards which do not result in classification     No additional information available   Executions information available     2.4.   Unknows     SECTION 2: Composition/Information on ingredients     3.1.   Substances	4. Emergency telephone nu	nber		
SECTION 2: Hazard(s) identification     2.1. Classification of the substance or mixture     GHS US classification     Serious eye damage/eye irritation Category 2A     Causes serious eye irritation     2.2. GHS Label elements, including precautionary statements     GHS US labeling     Hazard pictograms (GHS US)   :     #azard statements (GHS US)   :     Warning   :     Hazard statements (GHS US)   :     Wash hands, forearms and face throughly after handling.     Wear protective gloves/protective clothing/eye protection/face protection.     IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, and easy to do. Continue rinsing.     If eye irritation persists: Get medical advice/attention     Not applicable     SECTION 3: Composition/Information on ingredients     3.1. Substances     Not applicable     Section (Instring the product identifier % GHS US classification     Not applicable			nber ChemTel 1-800-	255-3924
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Hazard pictograms (GHS US)   :   Warning     Signal word (GHS US)   :   Warning     Hazard statements (GHS US)   :   Causes serious eye irritation     Precautionary statements (GHS US)   :   Causes serious eye irritation     :   Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention     2.3.   Other hazards which do not result in classification No additional information available   No     2.4.   Unknown acute toxicity (GHS US)   No     Not applicable   SECTION 3: Composition/Information on ingredients     8.1.   Substances     Not applicable   Nixtures     3.2.   Mixtures     Periodic Acid 98%   (cAs-No.) 10450-60-9   0 - 5     0x. Sol. 2, H272   0x. Sol. 2, H272	2. GHS Label elements, incl	Iding precautionary statements		
Signal word (GHS US)   : Warning     Hazard statements (GHS US)   : Causes serious eye irritation     Precautionary statements (GHS US)   : Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EVES: Rinse cautiously with water for several minutes. Remove contact lenses, and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention     2.3.   Other hazards which do not result in classification No additional information available     2.4.   Unknown acute toxicity (GHS US) Not applicable     SECTION 3: Composition/Information on ingredients     8.1.   Substances Not applicable     3.2.   Mixtures     Mame   Product identifier   %   GHS US classification VCAS-No. 10450-60-9     0 a-5   Ox. Sol. 2, H272	HS US labeling			
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No additional information available     2.4.   Unknown acute toxicity (GHS US)     Not applicable     SECTION 3: Composition/Information on ingredients     3.1.   Substances     Not applicable     3.1.   Substances     Not applicable     3.2.   Mixtures     Periodic Acid 98%   (CAS-No.) 10450-60-9   0 – 5     Ox. Sol. 2, H272		Wear protective gloves/protect IF IN EYES: Rinse cautiously and easy to do. Continue rinsi	ive clothing/eye prote with water for several ng.	ction/face protection. minutes. Remove contact lenses, if prese
No additional information available     2.4.   Unknown acute toxicity (GHS US)     Not applicable     SECTION 3: Composition/Information on ingredients     3.1.   Substances     Not applicable     3.1.   Substances     Not applicable     3.2.   Mixtures     Name   Product identifier   %   GHS US classification     Periodic Acid 98%   (CAS-No.) 10450-60-9   0 – 5   Ox. Sol. 2, H272	3. Other hazards which do r	ot result in classification		
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B.1.   Substances     Not applicable	ot applicable			
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Not applicable   Product identifier   %   GHS US classification     Name   Periodic Acid 98%   (CAS-No.) 10450-60-9   0 – 5   Ox. Sol. 2, H272				
Name     Product identifier     %     GHS US classification       Periodic Acid 98%     (CAS-No.) 10450-60-9     0 – 5     Ox. Sol. 2, H272				
Name     Product identifier     %     GHS US classification       Periodic Acid 98%     (CAS-No.) 10450-60-9     0 – 5     Ox. Sol. 2, H272				
Periodic Acid 98% (CAS-No.) 10450-60-9 0 – 5 Ox. Sol. 2, H272		Product identifier	%	GHS US classification
Eye Dam. 1, H318				Ox. Sol. 2, H272 Skin Corr. 1, H314

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Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
4.2. Most important symptoms and effects	(acute and delayed)
	: Eye irritation.
4.3. Immediate medical attention and speci	al treatment if necessary
Treat symptomatically.	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the chem	
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Special protective equipment and prec	autions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measu	res
6.1. Personal precautions, protective equip	
6.1.1. For non-emergency personnel	
· · · · · · · · · · · · · · · · · · ·	: 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".
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containment	and cleaning up
	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: 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	: Store at room temp. Keep cool. Store in a well-ventilated place.
SECTION 8: Exposure controls/person	al protection
8.1. Control parameters	
Periodic Acid 0.5%	
No additional information available	

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Perio	odic Acid 98% (10450-60-9)
No ad	dditional information available

: Ensure good ventilation of the work station.

#### 8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls

: Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



9.1. Information on basic physical and chemical properties				
Physical state	: Liquid			
Color	Colorless			
Odor	: Mixture contains one or more component(s) which have the following odour:			
Odor threshold	: No data available			
pH	: No data available			
Melting point	: Not applicable			
Freezing point	: No data available			
Boiling point	: No data available			
Flash point	: No data available			
Relative evaporation rate (butyl acetate=1)	: No data available			
Flammability (solid, gas)	: Not applicable.			
Vapor pressure	: No data available			
Relative vapor density at 20°C	: No data available			
Relative density	: No data available			
Solubility	: No data available			
Partition coefficient n-octanol/water (Log Pow)	: No data available			
Auto-ignition temperature	: No data available			
Decomposition temperature	: No data available			
Viscosity, kinematic	: No data available			
Viscosity, dynamic	: No data available			
Explosion limits	: No data available			
Explosive properties	: No data available			
Oxidizing properties	: No data available			

No additional information available

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SECTION 10: Stability and reactivity	V The second				
10.1. Reactivity					
The product is non-reactive under normal conditions of use, storage and transport.					
10.2. Chemical stability Stable under normal conditions.					
10.3. Possibility of hazardous reactions					
No dangerous reactions known under normal co	onditions of use.				
10.4. Conditions to avoid					
None under recommended storage and handlin	g conditions (see section 7).				
10.5. Incompatible materials					
No additional information available					
10.6. Hazardous decomposition product	S				
Under normal conditions of storage and use, ha	azardous decomposition products should not be produced.				
SECTION 11: Toxicological informa	tion				
11.1. Information on toxicological effects					
Acute toxicity (oral)	: Not classified				
Acute toxicity (dermal)	: Not classified				
Acute toxicity (inhalation)	: Not classified				
, iouto tomony (initialition)					
Skin corrosion/irritation	: Not classified				
Serious eye damage/irritation	: Causes serious eye irritation.				
Respiratory or skin sensitization	: Not classified				
Germ cell mutagenicity	: Not classified				
Carcinogenicity	: Not classified				
Reproductive toxicity	: Not classified				
STOT-single exposure	: Not classified				
STOT-repeated exposure	: Not classified				
Aspiration hazard	: Not classified				
Viscosity, kinematic	: No data available				
Symptoms/effects after eye contact	: Eye irritation.				
<b>SECTION 12: Ecological information</b>	n				
12.1. Toxicity					
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.				
12.2. Persistence and degradability					
No additional information available					
12.3. Bioaccumulative potential					
No additional information available					
12.4. Mobility in soil					
No additional information available					
12.5. Other adverse effects					
No additional information available					

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#### **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

### **SECTION 14: Transport information**

#### Department of Transportation (DOT)

In accordance with DOT

#### Not applicable

**Transportation of Dangerous Goods** 

Not applicable

#### **Transport by sea**

Not applicable

Air transport

Not applicable

#### **SECTION 15: Regulatory information**

15.1. US Federal regulations

#### Periodic Acid 98% (10450-60-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

#### CANADA

#### Periodic Acid 98% (10450-60-9)

Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations** 

### National regulations

No additional information available

#### 15.3. US State regulations

### **SECTION 16: Other information**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS US (GHS HazCom 2012)

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