

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 09/19/2022

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: WIEGERT'S IRON HEMATOXYLIN SOL B
Product code	: 24205B
1.2. Recommended use and restriction	
Recommended use	: Use as laboratory reagent, Manufacture of substances
1.3. Supplier	
Supplier Polysciences 400 Valley Road Warrington, PA 18976 - United States T +1 215 343 6484 - 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
CECTION 2. Honord(a) identification	
SECTION 2: Hazard(s) identificatio	
2.1. Classification of the substance or	mixture
GHS US classification	
Skin corrosion/irritation Category 1A	Causes severe skin burns and eye damage
Serious eye damage/eye irritation Category	1 Causes serious eye damage
2.2. GHS Label elements, including pr	recautionary statements
GHS US labeling	
Hazard pictograms (GHS US)	
Signal word (GHS US)	: Danger
Signal word (GHS US) Hazard statements (GHS US)	 Danger Causes severe skin burns and eye damage Causes serious eye damage
	: Causes severe skin burns and eye damage
Hazard statements (GHS US) Precautionary statements (GHS US)	 Causes severe skin burns and eye damage Causes serious eye damage Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing.
Hazard statements (GHS US) Precautionary statements (GHS US) 2.3. Other hazards which do not result	 Causes severe skin burns and eye damage Causes serious eye damage Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing.
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3.2. **Mixtures**

Name	Product identifier	%	GHS US classification
Hydrogen Chloride	(CAS-No.) 7647-01-0	0 – 5	Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A. H314

Safety Data Sheet

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

1. Description of first aid measures First-aid measures general 2 Call a physicinn immediately. First-aid measures after inhalison 2 Remove person to fresh air and keep comfortable for breathing. Call a physicinn immediately. First-aid measures after eye contact 2 Rines akin with waterfahover. Remove Take off immediately all contaminated clothing. Call a physician immediately. First-aid measures after eye contact 2 Rines measures after ingestion 2 2. Most important symptomasi Continue mining Call a physician immediately. Symptoms/effects after askin contact 2 Burns. 3. Immediate medical atterion and special treatment, if necessary Symptoms/effects after askin contact 2 Water spray. Dry powder. Feam. Carbon dioxide. 3. Immediate medical atterion and special treatment, if necessary Terrol St. First-fighting measures Immediate medical atterion and special treatment. 4. Suitable (and unsuitable) extinguishing media 2 Suitable (and unsuitable) extinguishing media 2 Vater pray. Dry powder. Feam. Carbon dioxide. 3. Suitable (and unsuitable) extinguishing media 2 Vater pray. Dry powder. Feam. Carbon dioxide. 5. <t< th=""><th>Full text of hazard classes and H-statements : s</th><th></th></t<>	Full text of hazard classes and H-statements : s	
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SECTION 7: Handling and storage A.1. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. .2. Conditions for safe storage, including any incompatibilities	0.4. Reference to other sections	
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	SECTION 7: Handling and storage 7.1. Precautions for safe handling	dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.
Storage conditions : Store at room temp. Store locked up. Keep cool. Store in a well-ventilated place.	SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling	dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
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.1.	Control parameters
۱	WIEGERT'S IRON HEMATOXYLIN SOL B
١	No additional information available
I	Hydrogen Chloride (7647-01-0)
1	No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls

: Avoid release to the environment.

: Ensure good ventilation of the work station.

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):



SECTION 9: Physical and chemical properties		
0.1. 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	
рН	: 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	

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Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
The product is non-reactive under normal condition	ins of use, storage and transport
	ns 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 con	ditions of use.
10.4. Conditions to avoid	
None under recommended storage and handling	conditions (see section 7).
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition products	
	ardous decomposition products should not be produced.
SECTION 11: Toxicological information	on
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Hydrogen Chloride (7647-01-0)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT reported evapours	. Not closed
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.
SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
12.2. Persistence and degradability	
No additional information available	

12.3. Bioaccumulative potential

No additional information available

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	S
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	

Hydrogen Chloride (7647-01-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313 Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb
RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	500 lb

15.2. International regulations

CANADA

Hydrogen Chloride (7647-01-0)	
Listed on the Canadian DSL (Domestic Substances List)	

EU-Regulations

National regulations No additional information available

15.3. US State regulations

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Component	State or local regulations
Hydrogen Chloride(7647-01-0)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

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