



四川瑞源恒胜国际贸易有限公司

SICHUAN LIYUAN INTERNATIONAL TRADE CO., LTD.
No.333, 3rd Jiqing Street, Hi-tech Zone, Chengdu, Sichuan, China

PROFORMA INVOICE

Inv. No: LY-PI-24081205-1

Date: 12 Aug. 2024

Validity: 2024/11/12

The Seller: **SICHUAN LIYUAN INTERNATIONAL TRADE CO., LTD.**

Address: No.333, 3rd Jiqing Street, Hi-Tech Zone, Chengdu, Sichuan, China

Contact: lyra-lin@scllys.com

The Buyer: **Fancy Leather Enterprise.**

Address: Plot no : YS 24, Chamra Shilpa Nagari, Jhauchar, Hemayetpur,
Savar, Dhaka-1340, Bangladesh.

From: China

To: Bangladesh

Item	Quantity	Description	Unit Price	Amount
			(USD)	(USD)
Sodium Sulfide	48 tons	Sodium Sulphide (Na ₂ S) 60% Min. Red Flakes 300 PPM Max. HS CODE: 28301000 CFR Chattogram ORIGIN: China Port of loading: Any Chinese seaport Port of destination: Chattogram Shipment: In 1 lot Quality standard: GB/T10500-2009	460.00	22,080.00
= total amount in USD				22,080.00
			TOTAL OCEAN FREIGHT: USD5,800	
			TOTAL FOB PRICE: USD16,280	
			TOTAL AMOUNT: USD 22,080	

TOTAL AMOUNT US DOLLARS TWENTY-TWO THOUSAND AND EIGHTY ONLY.

PAYMENT TERMS: 100% L/C AT SIGHT

SICHUAN LIYUAN INTERNATIONAL TRADE CO., LTD.

BANK DETAILS:

BENEFICIARY: SICHUAN LIYUAN INTERNATIONAL TRADE CO., LTD.

BANK NAME: BANK OF CHINA SICHUAN CHENGDU HI-TECH INDUSTRIAL DEVELOPMENT ZONE
SUB-BRANCH

BANK ADDR: NO.7, XINXIWANG ROAD, CHENGDU, SICHUAN, CHINA

SWIFT: BKCHCNBJ570

A/C NO.: 1266 6645 1547

Report Header

Application: Alliance Message Management
 Report type: Instance Search - Detailed Report
 Operator: JHARNA5.220220
 Alliance Server Instance: SAA-LIVE
 Date - Time: 2024/08/15 15:24:38

Report Content

Reprint From MFA-0000-000000

Possible Duplicate Delivery

Network: SWIFT
 Session Holder: AGBKBDDHAXXXF
 Session: 5708
 Sequence: 827540
 Delivery Status: Network Ack

Instance Type and Transmission

Original
 Priority/Delivery : Normal

Message Header

Swift Input: FIN 700 Issue of a Documentary Credit
 Sender : AGBKBDDH005
 AGRANI BANK PLC,RAMNA BRANCH,DHAKA(PHAKA)
 (RAMNA BRANCH,DHAKA)
 DHAKA
 Receiver : BKCHCNBJ570
 BANK OF CHINA
 (SICHUAN BRANCH)
 CHENGDU CN

BD

Message Text

F27: Sequence of Total
 Number: 1/
 Total: 1
 F40A: Form of Documentary Credit
 IRREVOCABLE
 F20: Documentary Credit Number
 000524010107
 F31C: Date of Issue
 240815 2024 Aug 15
 F40E: Applicable Rules
 Applicable Rules: UCP LATEST VERSION
 F31D: Date and Place of Expiry
 Date: 241104 2024 Nov 04
 Place: CHINA
 F50: Applicant
 FANCY LEATHER ENTERPRISE, PLOT NO.
 YS-24, CHAMRA SHILPA NAGARI,
 JHAUCHAR, HEMAYETPUR, SAVAR,
 DHAKA-1340
 F59: Beneficiary
 Name and Address:
 SICHUAN LIYUAN INTERNATIONAL TRADE
 CO.,LTD
 NO.333,3RD JIQING STREET,HI-TECH
 ZONE,CHENGDU,SICHUAN,CHINA.
 F32B: Currency Code, Amount
 Currency: USD US DOLLAR
 Amount: 22080,00 #22080,00#
 F41D: Available With ... By ... - Name and Address - Code
 Name and Address: ANY BANK IN CHINA
 Code: BY NEGOTIATION
 F42C: Drafts at ...
 AT SIGHT
 F42D: Drawee - Party Identifier - Name and Address
 Name and Address:
 AGRANI BANK PLC
 RAMNA CORPORATE BRANCH
 18, BANGABANDHU AVENUE
 DHAKA, BANGLADESH.
 F43P: Partial Shipments
 NOT ALLOWED
 F43T: Transhipment
 ALLOWED
 F44E: Port of Loading/Airport of Departure
 ANY SEA PORT OF CHINA
 F44F: Port of Discharge/Airport of Destination
 CHATTOGRAM SEA PORT, BANGLADESH
 F44C: Latest Date of Shipment
 241015 2024 Oct 15
 F45A: Description of Goods and/or Services
 SODIUM SULPHIDE (NA2S) 60PCT MIN, RED FLAKES 300PPM MAX:
 QUANTITY:48.00 TONS,
 QUANTITY,DESCRIPTION SPECIFICATION AND PRICE AND ALL OTHER
 DETAILS AS PER PROFORMA INVOICE NO:LY-PI-24081205-1
 DATE:12-08-2024 OF THE BENEFICIARY.
 CFR(INCOTERMS:2020) CHATTOGRAM.
 F46A: Documents Required
 01.COMMERCIAL INVOICE (1 X 5) SIGNED BY THE BENEFICIARY
 CERTIFYING MERCHANDISE TO BE OF CHINA ORIGIN.
 02.FULL SET OF CLEAN SHIPPED ON BOARD OCEAN BILL OF LADING
 DRAWN OR ENDORSED TO THE ORDER OF AGRANI BANK PLC.RAMNA
 CORPORATE BRANCH DHAKA, BANGLADESH SHOWING FREIGHT PREPAID
 MARKED NOTIFY APPLICANT AND US.
 03.PACKING LIST IN DETAILS QUADRUPLICATE REQUIRED.

- 04.CERTIFICATE OF ORIGIN ISSUED BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY SHOULD ACCOMPANY THE ORIGINAL DOCUMENTS.
- 05.BENEFICIARY'S CERTIFICATE STATING THAT THE MERCHANDISE HAVE BEEN SHIPPED AS PER RELATED PROFORMA INVOICE NO.AND THAT ALL OTHER TERMS AND CONDITIONS SPECIFIED THEREIN HAVE FULLY BEEN COMPLIED WITH.
- 06.DRAFT MUST BE MARKED DRAWN UNDER THIS CREDIT NUMBER.
- 07.FULL SETS OF ORIGINAL DOCS TO BE SENT TO OUR MAILING ADDRESS AGRANI BANK PLC, RAMNA CORPORATE BRANCH,18,BANGHABANDHU AVENUE, DHAKA, BANGLADESH DIRECTLY BY THE NEGOTIATING BANK BY COURIER.

F47A: Additional Conditions

- 01.GOODS IMPORTED AGAINST LC NO.000524010107,REG. NO.260326120403220 HS CODE NO 2830.10.00 VAT REG.NO.000318825-0403 ,PROFORMA INVOICE NO.LY-PI-24081205-1 DATE:12-08-2024 ARE TO BE QUOTED IN ALL DOCUMENTS.
- 02.INSURANCE COVERED BY APPLICANT. ALL SHIPMENT UNDER THIS CREDIT MUST BE ADVISED BY BENEFICIARY WITHIN 10 DAYS AFTER SHIPMENT DIRECT TO PRIME INSURANCE COMPANY LIMITED, HEAD OFFICE, UNIQUE HEIGHTS, 117, KAZI NAZRUL ISLAM AVENUE, DHAKA, BANGLADESH AND TO THE APPLICANT REFERRING TO COVER NOTE NO.PICL/HO/MC-1743/08/2024 DATE:13-08-2024 GIVING FULL DETAILS OF SHIPMENT AND SENT EMAIL TO CDU(AT)PRIME-INSURANCE.NET. A COPY OF THIS ADVICE IS TO ACCOMPANY EACH SET OF DOC.
- 03.FORWARDERS CARGO RECEIPT, CHARTER PARTY BILL OF LADING, SHORT FORM BILL OF LADING, STALE AND BLANK BACKED B/L ARE NOT ACCEPTABLE.
- 04.BILL OF LADING MUST SHOW GROSS AND NET WEIGHT OF GOODS.
- 05.COUNTRY OF ORIGIN SHOULD CLEARLY BE MENTIONED ON CONTAINER/BALE/ROLL/PACKAGES.
- 06.NAME OF PRODUCT,COUNTRY OF ORIGIN,NET WEIGHT,GROSS WEIGHT,NAME ,ADDRESS AND IMPORTERS TIN NO.347147530049,BIN /VAT REG.NO. 000318825-0403 AND BANKERS TIN NO.002-2001221,BIN NO.000000221 SHOULD BE CLEARLY MENTIONED ON EACH LABEL OF PACKING UNIT.
- 07.A SET OF NON-NEGOTIABLE SHIPPING DOCUMENTS I.E.INVOICE, PACKING LIST, BILL OF LADING, QUALITY CERTIFICATE SHOULD BE SENT TO THE APPLICANT BY EMAIL (FANCYLEATHER79(AT)GMAIL.COM) WITHIN 10 DAYS FROM THE DATE OF BILL OF LADING AND THE RELATED COURIER RECEIPT MUST ACCOMPANY ORIGINAL DOCUMENTS.
- 08.GOODS VALUE AND FREIGHT CHARGE MUST BE MENTIONED IN COMMERCIAL INVOICE SEPARATELY.
- 09.QUALITY: SOLID CONTENTS OF EVERY CHEMICALS SHOULD BE AS PER DECLARATION/LITERATURE AND LITERATURE SHOULD BE IN INTERNATIONAL STANDARD AND CERTIFICATE TO BE ISSUED BY THE BENEFICIARY AFTER SHIPMENT AND THIS CERTIFICATE TO BE SENT WITH THE ORIGINAL DOCS.
- 10.DOCUMENTS WITH DISCREPANCY MUST NOT BE NEGOTIATED.IF THE SAME DOCS ACCEPTED BY ISSUING BANK USD 50.00 WILL BE DEDUCTED AS DISCREPANCY CHARGE AT THE TIME OF PAYMENT.
- 11.THIS RAW MATERIALS WILL BE IMPORTED THROUGH BONDED WAREHOUSE, WILL BE UTILIZED UNDER BOND LICENSE AND MUST BE MENTIONED THE INVOICE,PACKING LIST,B/L AND CERTIFICATE OF ORIGIN.
- 12.CERTIFICATE ISSUED BY SHIPPING COMPANY,CARRIER,MASTER OR THEIR AUTHORIZED AGENT AND SHIPMENT BY ISRAELI VESSEL OR CALLING AT ANY PORT OF THIS COUNTRY IS PROHIBITED.
13. NEGOTIATING BANK CERTIFIED ON THEIR FORWARDING SCHEDULE STATING THAT BENEFICIARY HAS PAID ALL THE ADVISING CHARGES.
14. PLS MENTION 14DAYS FREE TIME AT DETENTION ONLY FOR BL.
- 15.ALL CORRESPONDENCE BANK FORWARDING SCHEDULE AND DOCUMENTS SHOULD BE IN ENGLISH.
16. USD 30.00 WILL BE DEDUCTED AS HANDLING CHARGE AT THE TIME OF PAYMENT.

F71D: Charges

ALL BANK CHARGES OUTSIDE BANGLADESH ARE ON BENEFICIARY'S ACCOUNT.

F48: Period for Presentation in Days

Days: 21

F49: Confirmation Instructions

WITHOUT

F78: Instructions to the Paying/Accepting/Negotiating Bank

ORIGINAL IMPORT DOCUMENTS AS PER LC TERMS MUST BE REACHED AT OUR BANK COUNTER BY COURIER AND TWO COPIES IN DUPLICATE BY SUBSEQUENT MAIL TO OUR MAILING ADDRESS AGRANI BANK PLC, RAMNA CORPORATE BRANCH, 18 BANGHUBANDHU AVENUE DHAKA-1000 BANGLADESH. UPON RECEIPT OF DOCUMENTS COMPLYING CREDIT TERMS, WE SHALL EFFECT PAYMENT AS PER YOUR INSTRUCTION.

F72Z: Sender to Receiver Information

THIS LETTER OF CREDIT IS SUBJECT TO UCPDC (2007 REVISION) ICC PUBLICATION 600. PLS ACKNOWLEDGE RECEIPT AND ADVISE THE CREDIT TO THE BENEFICIARY.

End of Message

Report Footer

Number of Entities: 1
End of report



MSDS NO.: A001R2402190402
Creation Date: February 19, 2024

Applicant: SICHUAN LIYUAN INTERNATIONAL TRADE CO., LTD.
Address: NO.333, 3RD JIQING STREET, HI-TECH ZONE, CHENGDU, SICHUAN, CHINA.

Sample information:

Sample name: Sodium sulfide

Model: /

Sample composition/raw material (supplied by client): Refer to section 3 of the MSDS“Composition/Information on Ingredient”

Edit period: From February 18, 2024 to February 19, 2024

- Required service** : As specified by the client, to edit Material Safety Data Sheet (MSDS) by the submitted sample information.
- Summary** : As specified by the client, This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev.10. Please refer to the attached report for details.

Shanghai Fajin Testing Technology Co.,Ltd

Approved by:



Shanghai Fajin Testing Technology Co.,Ltd

Room 1015, V6 Times Business Building, No.16, Xinyuan Road, Anting Town, Jiading District, Shanghai
Tel:+86-021-69580886, Fax:+86-021-69580886 E-mail: cx@m-sds.com, website: www.m-sds.com

Material Safety Data Sheet (MSDS)

In accordance with GHS Rev. 10

Section 1 - Chemical Product and Company Identification

1.1 Product Identification:

Product Name: Sodium sulfide

Product Model: /

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

Identified uses: Used for producing sulfide dyes; Used in leather, textile, and chemical industries.

Use advised against: No data available.

1.3 Details of the Manufacture or supplier

Manufacture: SICHUAN LIYUAN INTERNATIONAL TRADE CO., LTD.

Address: NO.333, 3RD JIQING STREET, HI-TECH ZONE, CHENGDU, SICHUAN, CHINA.

Telephone: +86-17381901027

Email: 15469539@qq.com

1.4 Emergency telephone number

Emergency Telephone: +86-17381901027

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification: Acute toxicity (oral), category 4
Skin corrosion, category 1A
Serious eye damage, category 1
Carcinogenicity, category 2
Reproductive toxicity, category 2
Specific Target Organ Toxicity - Repeated exposure, category 2

2.2 GHS Label elements, including precautionary statements

Pictogram(s):



Signal Word: Danger

Hazard Statement: H302: Harmful if swallowed

H311: Toxic in contact with skin
 H314: Causes severe skin burns and eye damage
 H400: Very toxic to aquatic life

Precautionary statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray
 P264: Wash thoroughly after handling
 P270: Do not eat, drink or smoke when using this product
 P273: Avoid release to the environment
 P280: Wear protective gloves/protective clothing/eye protection/face protection

Response Precautionary Statements:

P310: Immediately call a POISON CENTER or doctor/physician
 P361: Remove/Take off immediately all contaminated clothing
 P363: Wash contaminated clothing before reuse
 P391: Collect spillage
 P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing

Storage Precautionary Statements:

P405: Store locked up

Disposal Precautionary Statements:

P501: Dispose of contents and container in accordance with local / regional / national / international regulations.

2.3 Description of any hazards not otherwise classified

Contact with acids liberates toxic gas. Corrosive to the respiratory tract. See section 11 for more detailed information on health effects and symptoms.

Section 3 - Composition/Information on Ingredient

Substance () Preparation () Article ()

Composition:

Chemical name	CAS No.	Content (%)
SODIUM SULFIDE	1313-82-2	60%
IRON (FE)	7439-89-6	0.03%
WATER INSOLUBLE MATTER	1317-37-9	0.20%
SODIUM THIOSULFATE	7772-98-7	3%
SODIUM SULFITE	7757-83-7	1%
SODIUM CARBONATE	497-19-8	5.77%

CRYSTAL WATER

7732-18-5

30%

Note: CAS No. is Chemical Abstract Service Registry Number.

Section 4 - First Aid Measures

4.1 Description of first aid measures:

General advice: Immediate medical attention is required. Show this SDS to the doctor in attendance.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, seek medical advice.

Skin Contact: Remove and isolate contaminated clothing and shoes. Wash off with soap and plenty of water. If irritation or a rash occurs and persists, contact a doctor. Wash contaminated clothing before reuse.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing, contact a doctor immediately.

Ingestion: Call a poison center or doctor/physician immediately. Take victim immediately to hospital.

If victim is conscious: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Do not give anything to drink.

If victim is unconscious but breathing: Artificial respiration and/or oxygen may be necessary.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Symptoms may be delayed.

Section 5 -Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media: Powder, Foam, AFFF.

Unsuitable extinguishing media: Never use water. Carbon dioxide (CO₂).

5.2 Special hazards arising from the substance or mixture

This product is not combustible. Corrosive solid. Hazardous decomposition products in the fire - sulfur oxides, etc.

5.3 Advice for firefighters

Evacuate personnel to safe areas. Wear self-contained breathing apparatus and suitable protective equipment for firefighting. Fight fire from a safe distance, with adequate cover.

5.4 Further information

Keep product and empty container away from heat and sources of ignition. Control the use of water due to environmental risk.

Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

- Isolate the area.
- Prevent further leakage or spillage if safe to do so.
- Refer to protective measures listed in section “Handling and storage” and “Exposure controls / personal protection” .
- Wear self-contained breathing apparatus in confined spaces, in cases where the oxygen level is depleted, or in case of significant emissions.

6.2 Environmental precautions:

- Avoid release to the environment.
- Do not flush into surface water or sanitary sewer system.
- If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up:

- Collect spillage.
- Keep in suitable, closed containers for disposal.
- Keep in properly labeled containers.
- Store in a place accessible by authorized persons only.
- Treat recovered material as described in the section "Disposal considerations".

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Wear suitable personal protective equipment in section 8.

Use in well-ventilated areas. Minimize dust generation and accumulation.

Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Do not eat, drink or smoke at work place.

Keep container tightly closed when not in use.

Wash thoroughly after handling.

Keep away from heat/sparks/open flames/hot surfaces – No smoking

Keep/Store away from clothing/combustible materials

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep locked up or in an area accessible only to qualified or authorized persons. Keep away from heat and sources of ignition.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Not established.

8.2 Exposure controls

Engineering Control:

- Ensure adequate ventilation.
- Provide local ventilation appropriate to the product decomposition risk (see section “Stability and reactivity”).
- Apply technical measures to comply with the occupational exposure limits.
- Refer to protective measures listed in section “Handling and storage” and “Exposure controls / personal protection” .

Personal protective equipment:

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Safety goggles or eye protection in combination with breathing protection..

Body Protection: Wear protective clothing, rubber boots..

Hands Protection: Handle with chemical-resistant gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Other Protections: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Flaky solid.
Color	Red-brown.
Odor	Pungent odor.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not applicable.

Evaporation rate	Not available.
Flammability	Not classified as flammable solid.
Upper explosive limit %(V/V)	Not applicable.
Lower explosive limit %(V/V)	Not applicable.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	920-950°C (decomposition).
Viscosity	Not available.

Section 10 - Stability and Reactivity

10.1 Stability: May be corrosive to metals. Stable under recommended storage conditions.

10.2 Conditions to Avoid: Heat. Exposure to moisture.

10.3 Incompatible materials: Acids, oxidizing agents, metals, e.g. Aluminum, carbon dioxide (CO2).

10.4 Hazardous Decomposition Products: Hydrogen sulfide, sulfur dioxide.

10.5 Possibility of hazardous reactions: Contact with acids liberates toxic gas.

Section 11 - Toxicological Information

Acute Toxicity:

Ingredient	CAS No.	LD50-Rat-Oral	LC50-Rat-inhalation	LD50-Rabbit-skin
Sodium sulphide	1313-82-2	208mg/kg	-	-

Skin Corrosion/Irritation: Causes skin burn.

Serious Eye Damage/Eye Irritation: Causes severe eye damage.

Respiratory or Skin Sensitization Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Based on available data, the classification criteria are not met.

Exposure (Globally Harmonized System):

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Potential Health Effects:

Inhalation: May cause respiratory tract irritation. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Skin Contact: Causes skin burn. Toxic in contact with skin.

Eye Contact: Causes serious eye damage.

Ingestion: Not an expected route of exposure. Cause burn if swallowed.

Section 12 - Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Very toxic to aquatic life.

Section 13 - Disposal Considerations

Waste treatment methods

Product

Do not dispose of into sewage systems or surface waters. Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Hazardous material may residue in contaminated package. Disposed contaminated packaging in the same measure of product.

Section 14 - Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA 1849

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA SODIUM SULPHIDE, HYDRATED with not less than 30% water

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA Class

Label 8



14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA II

14.5 Environmental hazards

Marine pollutants (Yes/No): Yes.

14.6 Special precautions for user

Read the product manual, MSDS, emergency procedures, etc. before operation.

14.7 Transport in bulk according to Annex 1 of Marpol and the IBC Code No data available.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 - Additional Information

16.1 Reference

- [1] IPCS: The International Chemical Safety Cards website: <http://www.ilo.org/dyn/icsc/showcard.home> (ICSC)

[2]	EU REACH Registered Substance Database	website: http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances
[3]	OECD: The Global Portal to Information on Chemical Substances,	website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
[4]	CAMEO Chemicals,	website: http://cameochemicals.noaa.gov/search/simple
[5]	NLM:ChemIDplus,	website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp
[6]	EPA: Integrated Risk Information System,	website: http://cfpub.epa.gov/iris/
[7]	U.S. Department of Transportation:ERG,	website: http://www.phmsa.dot.gov/hazmat/library/erg
[8]	Germany GESTIS-database on hazard substance	website: http://gestis-en.itrust.de/
[9]	IARC	website: http://www.iarc.fr/

16.2 Abbreviations and acronyms

PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMO	International Maritime Organization
IMDG	The International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
UN	The United Nations
NTP	National Toxicology Program
ACGIH	The American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health

16.3 Disclaimer

-This safety data sheet was prepared in accordance with UN GHS Rev.10.

-The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product

16.4 Information on revision

MSDS Creation Date: February 19, 2024

MSDS Revision Date: -

Reason For Revision: -

MSDS Edition: 1.0

End of MSDS

Technical Data Sheet

According to 1907/2006/EC, article 31 (REACH) and Regulation (EU) No. 2015/830

TDS No: 2022053001

Creation date: 2022/05/30

Revision date: 2022/05/30

Product Information

Product Name	Sodium sulphide
Product Application	In the dye industry, it is used to produce sulfur dyes, and it is the raw material of sulfur cyan and sulfur blue; Used as a corrosion inhibitor. It is also the raw material of sodium thiosulfate, sodium polysulfide, sulfur dyes, etc; It is used for the treatment of the conductive layer in direct electroplating, and the purpose of forming a good conductive layer on the non-metallic surface is achieved by reacting sodium sulfide and palladium to generate colloidal palladium sulfide.
Product Status	Solid
Product Property	Substance
Batch No.	No information available
Package Information	No information available

Component Information

No.	Name	CAS No.	Content
1	Sodium sulphide	1313-82-2	60%


Physicochemical Property

Appearance	Solid	Odour	Rotten egg smell
Colour	Reddish brown	Melting point	69-93°C
Density	0.658 kg/L	pH	12.9
Solubility	178g/L (20°C,water)	Decomposition temperature	No information available

Storage

Store in a well-ventilated place. Keep cool. Keep away from fire

Classification

Hazard category	Acute Tox. 4; Acute Tox. 3; Skin Corr. 1B; Aquatic Acute 1
Hazard statements	H302 Harmful if swallowed H311 Toxic in contact with skin H314 Causes severe skin burns and eye damage H400 Very toxic to aquatic life
Pictogram(s)	
Signal word	Danger
Precautionary	Prevention P260 Do not breathe dust/fume/gas/mist/vapours/spray.

statements		<p>P264 Wash thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p>
	Response	<p>P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of water.</p> <p>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304 + P340 If INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see on this label).</p> <p>P330 Rinse mouth.</p> <p>P361+P364 Take off immediately all contaminated clothing and wash it before reuse.</p> <p>P363 Wash contaminated clothing before reuse.</p>
	Storage	P405 Store locked up.
	Disposal	P501 Dispose of contents/container to in accordance with local/regional/national/international regulations (to be specified).
Transport Information		
No information available.		
Contact Information		
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