

SAFETY DATA SHEET

| | | | | | | | | | Date | Accesse | d: 25/08 | 8/2023 |
|--------|--------------------------|----------|----------------------|-----------|--------------|------------|------------|----------------|----------|----------|-----------|--------|
| | 5 | | | 5 | | | 1 | | Dat | e Revise | ed: 23/11 | /2022 |
| | | 1 | | | 1 | | | i. | | | 1 | |
| SE | CTION | 1. ID | ENT | IFICA | | | | | | | | |
| | uct Name | | | | 1.1.1 | | 1 1 - 1 | | | | | |
| | #: 1303-1 | | | | | | 1. | | | 1 | | |
| | vant ident | | | | | | | | | | | |
| | lier detai | | bes of t | iie subs | | | 110 10300 | | | pinent | | |
| Stanf | ord Advar iil: sales@ | iced Ma | iterials rials.co | m | | 1 1 - 1 | 1 1 - 1 | 1 - 1 - 1 1 | | 1 1 1 | | |
| Tel: (| 949) 407-8 | 3904 | | 1 | ' | | 1 | ¹ | | 1 | | |
| Addre | ess: 2366´ | | | | | | | | | | | |
| | 1 - 1 | | | 1 I | | | 1 - 1 | 1 | | | | |
| - | CTION sification o | | | | | | | | | | | |
| Class | sification a | ccording | g to Re | gulation | (EC) No | 1272/2 | 2008 | | | | | |
| | 06 Skull ai | | | | | | | | | н н н | | |
| Acute | e Tox. 3 H | 301 Tox | cic if sw | allowed. | | | | | | | | |
| Acute | e Tox. 3 H | 331 Tox | cic if inh | aled. | i | 1 1 | | | 1 | | 1 | |
| Haza | rds not oth | nerwise | classifi | ed | ¹ | н н н | 1.1 | ¹ | 1 I 1 | 1 1 | | |
| No da | ata availab | ole | | , , , | : ' | | | : | | | | |
| Label | l elements | | | | | | | | | | | |
| Label | lling accor | ding to | Regula | tion (EC) |) No; 127 | 2/2008 | | 111 | | | : * * | |
| | | | | | | | | | | | | |
| The s | substance | | | | | | | | | | | |

| 1 I I I | | | | | | | | | | | |
|-----------------------|---------------------|-------------|--------------------|----------|-------------|--------------|------------|------------|----|----------|-----|
| Hazard pictograms | | · | | | 1 | | | · | | | • |
| GHS06 | | | | | | | | | | | |
| Signal word | | | i. | | | | | | ÷. | | |
| Danger | | | | | | | | | | | |
| Hazard statements | | | | | | | | | | | |
| H301+H331 Toxic if | swallowe | d or if inl | naled.Pre | ecautio | nary stat | ements | 1 - 1 1 | 5 | | н н н | · |
| P261 Avoid breathin | ng dust/fur | - | | | | | | | | | |
| P304+P340 IF INHA | LED: Rer | nove vict | | sh air a | | at rest in | | | | | |
| breathing. | | , | | | | | I. | , | ; | | |
| P321 Specific treatm | | | | | | | | | | | |
| P405 Store locked u | ıp. | 1 | · · · [*] | | 1.00 | ¹ | 1 | 1 | | | · |
| P403+P233 Store in | a well-ve | ntilated p | olace. Ke | ep cor | ntainer tig | ghtly close | ed, | | | | |
| P501 Dispose of con | ntents/cor | itainer in | accorda | nce wit | th local/re | egional/ | | | | | |
| national/internationa | al regulatio | ons. | | | | | | | | | |
| WHMIS classificatio | n | | , | | | | | | | | |
| D1A - Very toxic ma | terial caus | sing imm | ediate a | nd serie | ous toxic | effects | 1 | | | 1 | |
| D2A - Very toxic ma | terial caus | singlothe | r toxic el | ffects | | | | | | | |
| Classification system | n | | | | | | | | | | |
| HMIS ratings (scale | 0-4) | | | , , , | | | | | | | |
| (Hazardous Materia | ls Idențific | ation Sy | stem) | | 1 | | | 5 | | | · |
| Health (acute effects | - | | | | | | | | | | |
| Flammability = 0 | | 1 1 - 1 | 1 | | , , , | t i | | н 1 — 1 | t. | | |
| Physical Hazard = 1 | | | | | | | | | | | |
| Other hazards | н 1 - 1 | | | | н н н | | | | | | |
| Results of PBT and | vPvB _{ass} | essment | | | 1 | ¹ | | 1 | | | · |
| PBT: | | | , | | | | | | | | |
| N/A | | 1 1 | | | | | | 1 1 | | | |
| vPvB: | | ı | | | | | | | | | |
| N/A | | | , | | | , | | | ł | | |
| | | 1. | | | 1. | | | 1. | | | ÷., |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Substances | | : | | | : | | | e ^r | |
|---|------------|----------------|------------|-------------|------------|------------|-----|--|-------|
| CAS No. / Substance Name: | | | | | | | | | |
| 1303-11-3 Indium arsenide | | 111 | 1 1 1 | | 111 | | | 111 | |
| Identification number(s): EC number: 215-115-3 | 1 | | | · | | 1 I | 1 | * | · · · |
| | | :' | | | :' | | | i. | |
| | | 111 | 1 1 - 1 | | : ** | н 1 — 1 | | : • • | |
| SECTION 4. FIRST | | MEAS | URE | S | | | 1 | | |
| Description of first aid measu General information | res | e ^r | 1.1.1 | | : | | | : | |
| Immediately remove any cloth | ning soile | ed by the | produc | ct. | | | | | |
| Remove breathing apparatus | only afte | er contam | | | | | | | |
| In case of irregular breathing | or respir | atory arre | est prov | vide artifi | cial resp | iration. | 1 | 1. ¹ . | |
| If inhaled: | | . ' | | | | | | | |
| Supply patient with fresh air. | | | | | | | | | |
| Seek immediate medical advi | ce. | | | | | | . : | | |
| In case of skin contact: | | | | | | | | | |
| Immediately wash with soap a | and wate | r; rinse tl | horoug | hly. | | | 1 | | |
| Seek immediate medical advi | ce. | | | | : | | | : | |
| In case of eye contact: | | | | | | | | | |
| Rinse opened eye for several | minutes | under ru | inning | water. Co | onsult a j | ohysicia | an. | 111 | |
| If swallowed: | · | | | | | | | | |
| Do not induce vomiting; imme | | | | | | | | | |
| Most important symptoms and | d effects, | , both ac | ute and | l delayed | : | | | e de la composición de la composicinde la composición de la composición de la composición de la compos | |
| No data available | | | | | | | | | |
| Indication of any immediate m | nedical a | ttention a | and spe | ecial treat | ment ne | eded | | 1.1.1 | |
| No data available | | | | | | | | | |

SECTION 5. FIREFIGHTING MEASURES

| Extinguishing media | | | | | | | | |
|--|-----------|----------|------------|--------------|--------|-------|--------------|----------|
| Suitable extinguishing agents | | | | | | | | |
| Product is not flammable. Use fire-figh | nting mea | asures t | hat suit t | the surro | unding | fire. | | |
| Special hazards arising from the subs | tance or | mixture | • | ' | | 1 | | |
| If this product is involved in a fire, the | | | | | | | | |
| Toxic metal oxide fume | | | | | | | : | |
| Advice for firefighters | | | | | | | | |
| Protective equipment: | | | | | | | | |
| Wear self-contained respirator. | | | 1 | ¹ | | 1 | ¹ | н н н |
| Wear fully protective impervious suit. | : | | | l' | | | : | |

| SECTION 6. ACCIDENTAL R | | | | | | :** | |
|---|-------------|-----------|----------|------------|----------|--------------|------------|
| Personal precautions, protective equipment a | and emer | gency pro | ocedures | 6 | ' | ' | |
| Use personal protective equipment. Keep un | protectec | l persons | away. | | | : | |
| Ensure adequate ventilation | | | | | | | |
| Environmental precautions: Do not allow mat | terial to b | e release | d to the | enviror | nment wi | thou't offic | cial |
| permits. | | 5 | | 1 I | 1 | * | |
| Methods and materials for containment and o | cleanup: | | | | | | |
| Dispose of contaminated material as waste a | according | to sectio | n 13. | | | : | |
| Ensure adequate ventilation. | | | | | | | |
| Prevention of secondary hazards: | | | 111 | н 1 — 1 | | 111 | н 1 - 1 |
| No special measures required. | | 1 | | · · · | 1 | | |
| Reference to other sections | | , | | | | | |
| See Section 7 for information on safe handlin | ng | | , | | | , | |
| See Section 8 for information on personal pro | otection e | equipmen | | | | | |
| See Section 13 for disposal information | | | | | | , | |

| | | 1 | | | | | | | |
|--|----------------------|------------|------------|-----------|----------|------------|----------|------------|---|
| SECTION 7. HANDLING | AND | STO | RAG | E | | 1 | * | | · |
| Handling | :1 | | | : | | | : | | |
| Precautions for safe handling | | | | | | | | | |
| Keep container tightly sealed. | | | | | | | 111 | | |
| Store in cool, dry place in tightly closed | conțair | ners. | · | | | · | | | |
| Ensure good ventilation at the workplace | e. | | | | 1 | | | | |
| Open and handle container with care. | : | | | | | | | | |
| Information about protection against exp | | | | | | | | | |
| The product is not flammable | | 1 1 - 1 | | 111 | | | 111 | н 1. т. | |
| Conditions for safe storage, including ar | ny inco | mpatibi | lities Sto | rage | | · | | | · |
| Requirements to be met by storerooms | | | | | | | | | |
| No special requirements.Information abo | out sto | rage in | one com | nmon sto | rage fa | cility: | | | |
| Store away from oxidizing agents. | | | | | | | | | |
| Further information about storage condi | tions: | | | | | | 111 | | |
| Keep container tightly sealed. | ' | | 1 | | | 1 | | | · |
| Store in cool, dry conditions in well-seal | ed c _i on | tainers | . , | | | | | | |
| Specific end use(s) | | | | | | | | | |
| No data available | : • • | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | · |
| SECTION 8. EXPOSURE | CON | ITRC |)LS/P | ERSC | NAL | • | | | |
| PROTECTION | | | | | | | | | |
| Additional information about design of te | echnica | al syste | ms: | : | | | : ** | | |
| Properly operating chemical fume hood | desigr | ned for l | nazardou | is chemi | cals and | d having | an avera | age | |
| face velocity of at least 100 feet per min | ute. | | | | , | | | | |
| Control parameters | : | | | ť | | | 1 | | |
| Components with limit values that requir | re mon | itoring | at the wo | orkplace: | | | | | |
| Arsenic, elemental, and inorganic comp | ounds | (except | t arsine), | as As | | н 1 - 1 | 111 | н 1 1. | |

mg/m3

| | 1 | 1 - 1 | | | 1.1 | 1.1 | 1 | 1 1 | |
|--------------------------------------|--------------|----------|----------|------------------|------------|----------|------------------|-----|-----|
| ACGIH TLV 0.01; Confirmed human | carcinogen | 1 | 1 | | | 1 | | | · |
| Belgium TWA 0.2 | | | | | | | | | |
| Denmark TWA 0.05 | | | | | | | | | |
| Finland TWA Carcinogen | | | | | | | | | |
| France VME 0.2 | | | | | | | | | |
| Hungary 0.5-STEL; Carcinogen | | | 1 | ¹ | | 1 | | | ÷., |
| Korea TWA 0.01; Confirmed human | carcinogen | I | | | | , | | | |
| Norway 0.02 | , | | | , | | | | | |
| Poland TWA 0.01 | | | | | ı | | | | |
| Sweden NGV 0.03; Carcinogen | | | | | | | | | |
| Switzerland TWA 0.1; Carcinogen | ¹ | | 1. a. | 1.1 ¹ | 1 | * | 1.1 ¹ | | 1.1 |
| United Kingdom TWA 0.1; Carcinoge | en | | | | | | 1 | | |
| USA PEL 0.01 | | | | | | | | | |
| Indium and compounds | | | | | н 1 - 1 | | | | |
| mg/m3 | 1 | | | | | | | | |
| ACGIH TLV 0.1(In) | | | | | i. | | | | |
| Belgium TWA 0.1 | | | , , , | | | | : | | |
| Denmark TWA 0.1(In) | | | | | | | | | |
| Finland TWA 0.1 | | , , , | | 111 | н 1 - 1 | | 111 | | |
| Korea TLV 0.1(In) | ' | | 1 | | | · | | | ÷., |
| Netherlands MAC-TGG 0.1 | | | | | | | | | |
| Norway TWA 0.1 | : | | | 1 | | | 1 | | |
| Switzerland MAK-W 0.1 | | | | | | | | | |
| United Kingdom TWA 0.1(In); 0.3(In) | -STEL | | | 1 | | | 111 | | |
| USA PEL 0.1(In) | ' | · · · | 1 | | н н н | 1 | | | ÷., |
| 1303-11-3 Indium arsenide (100.0%) | | | | . ' | | | . ' | | |
| PEL (USA) Long-term value: 0.01 m | g/m | | | : | | | : | | |
| 3 | | | | | | | | | |
| as As; 29CFR1910.1018 | | | | | | | | | |
| REL (USA) Ceiling limit value: 0.002 | mg/m | | 1 | | | 1 | 1. ¹ | | 1 |
| | | | | | | | | | |

| | 1.1. | | | | | | | | |
|--------------------------------------|----------------|------------|-------------|----------------|----------|-------------|----------------|------------|-----|
| 3 , | ¹ | | 1 | ' | | 1. | | | · |
| as As; 15min; See Pocket Guide A | | | | | | | | | |
| TLV (USA) Long-term value: 0.01 | mg/m | | 1 I | 1 | | н н н | | | |
| 3 | | | | | | | | | |
| as As; BEI | , | | 1 I | · | | 1 I | | | |
| EL (Canada) Long-term value: 0.1 | mg/m | н н 1 | 1. | | н н н | 1 | | н н Н | 1 |
| 3 | | | | . ' | | | | | |
| as InIngredients with biological lim | | | | | | | | | |
| 1303-11-3 Indium arsenide (100.0 | | | | : • • | | | | | |
| BEI (USA) 35 μg As/L | | | | | | | | | |
| Medium: urine | | 1 - 1 1 | 1. a.a. | | | 1 | | | 1.1 |
| Time: end of workweek | | | | e la | | | | | |
| Parameter: Inorganic arsenic plus | | | | | | | | | |
| Additional information: | | | | : * * | | | : 11 | | |
| No data | | | | | | | | | |
| Exposure controls | | 1 | | | 1 | | | | |
| Personal protective equipment | | | | e ^r | | | e ⁿ | | |
| Follow typical protective and hygie | nic practices | for ha | ndling che | micals. | | | | | |
| Keep away from foodstuffs, bevera | ages and fee | d. | | : " | | | 111 | н 1 - 1 | |
| Remove all soiled and contaminate | ed clothing ir | nmedia | tely. | | | · | | | · |
| Wash hands before breaks and at | the end of w | ork. | | | | | | | |
| Store protective clothing separately | y. | | | t. | | | ÷ | | |
| Maintain an ergonomically appropr | - | | | | | | | | |
| Breathing equipment: | | | н н н | : * * | | | 111 | | |
| Refer to 29CFR1910.1018 for regu | lations on re | espirato | ry protecti | on requ | iired du | iring expos | sure to | | ÷ |
| inorganic arsenic. | | | | | | | | | |
| Use self-contained respiratory prot | | | | | | | | | 1 1 |
| Protection of hands: | | | | | | | | | |
| Impervious gloves | | 1 1 | | | 1 1 | | | | |
| Inspect gloves prior to use. | | 1 - 1 1 | 1 | ' | | 1. | | | 1.1 |
| | | | | | | | | | |

| Suitability of gloves should be determined both by material and quality, the latter of which may vary by | | | | | | | | | | | | | |
|--|---------|--|----------|-----|--|----------|-------|--|----------|-----|--|--|--|
| manufacturer. | : | | 1 1 1 | | | 1 1 1 | 1 | | и 1 и | : | | | |
| Eye protection: | | | | | | | | | | | | | |
| Safety glasses | ; · · · | | | | | н н н | : • • | | | :** | | | |
| Body protection: | | | 1 | ' | | 1 | | | 1 | ' | | | |
| Protective work c | | | | | | | | | | | | | |
| | . 1 | | | . ' | | | . ' | | | 11 | | | |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Information on basic physical and chemical propert | ties | ' | i i | ` | ' | 1 | |
|--|----------------|-------|----------|----------|------|---|---|
| Appearance: | | | | | | | |
| Form: Powder or solid | | | | | | | |
| Color: Grey | | | | | | | |
| Odor: Odorless | | | | | | | |
| Odor threshold: No data available. | · · · · · · | | | 1 | | | |
| pH: N/A | | 1 | | | 1 | | , |
| Melting point/Melting range: 936 °C (1717 °F) | | | | | | | |
| Boiling point/Boiling range: No data available | | | | | | | |
| Sublimation temperature / start: No data available | | | | | | | |
| Flash point: N/A | | 1 1 | | 1.1 | | | |
| Flammability (solid, gas) | | 1 | | | : C | | , |
| No data available. | | | | | | | |
| Ignition temperature: No data available | | | , , , | и 1 и | | | , |
| Decomposition temperature: No data available | · · · · · · | | | 1 | | | , |
| Autoignition: No data available. | | | | | | | |
| Danger of explosion: Product does not present an | explosion haza | d. | | | ti i | | |
| Explosion limits: | | | | | | | |
| Lower: No data available | | 1.1.1 | 1 1 1 | | | 1 | , |
| Upper: No data available | · · · · · · | | | ' | | | , |

| | | | | | | 1 1 1 | | | |
|---------------------------------------|------------|------------|-----------|----------|----------|--------------|------------|----|-----------|
| Vapor pressure: N/ | ADensity: | No data a | available | | 1 | | 5 | | · |
| Relative density | | | | | | | | | |
| No data available. | | | | | , , , | | | | |
| Vapor density N/A | 1 I 1 I | | | | | | | | |
| Evaporation rate | н н н н | 5 | | | 1 | | 1 | | · |
| N/A Solubility in Water (| H | | :ľ | | | : | | : | |
| 2 O): Insoluble | т т т т | | | | , , , | | | | |
| Partition coefficient | (n-octanc | ol/water): | No data a | vailab | le. | ¹ | 1 1 | * | · |
| | · | | : | | | e. | | e. | |
| Dynamic: N/A | | | | | | | | | |
| Kinematic: N/A | · · · | 1 1 - 1 | | 1 1 1 | | | | | |
| Other information | | | 1 | | | | | | |
| No data available | | | | | 1. C. | | 1 | | · · · |
| · · · · · · · · · · · · · · · · · · · | 1 | | | | | | | | |

SECTION 10. STABILITY AND REACTIVITY

| Reactivity | | 1 | ' | | · | | | 1 | | | · . |
|-------------------------|------------|----------|--------------|---------|------------|--------------|------|---|--------------|----------|-----|
| No data available | | | | | | | | | | | |
| Chemical stability | | | : | | | : | | | 1 | | |
| Stable under recomme | ended st | orage co | nditions | 5. | | | | | | | |
| Thermal decompositio | | | | | | | | | | | |
| Decomposition will not | t occur if | used an | d stored | d accor | ding to sp | pecificati | ons. | 1 | 1.1 | н н Н | ۰. |
| Possibility of hazardou | us reacti | ons | | | | | | | | | |
| No dangerous reaction | | | : | | | | | | : | | |
| Conditions to avoid | | | | | | | | | | | |
| No data available | | | | | | , | | | , | | |
| Incompatible materials | 8: | · | ¹ | | 1 | ¹ | | | ¹ | | ÷. |
| | | | | | | | | | | | |

| | | 1 1 | | 1 1 | 1 I | | | 1 | 1 | | |
|-----------------------------|------------|--------------|----------|----------|---|----------|-----------|-----------|------------------|------------|----|
| Oxidizing agents | | 1 | ' | | 5 | | | 1 | | | ۰. |
| Hazardous decompositi | on proc | ducts: | | | | | | | | | |
| Toxic metal oxide fume | | н н — н | 1 | | , , , | 1 | | , , , | : | | |
| i: en | | | | | | ; • • | | | | | |
| SECTION 11. T | ΟΧΙΟ | COLOC | GICA | | FORM | | DN | · | | | ۰. |
| Information on toxicolog | ical eff | ects | | | | | | | | | |
| Acute toxicity: | | | 1 | | | , | | | | | |
| Toxic if inhaled. | | | | | | | | . : | | | |
| Toxic if swallowed. | | | | | | | | | | | |
| LD/LC50 values that are | e releva | ant for clas | sificati | on: | 1. A. | | | 1 1 | 1.1 ¹ | | ÷. |
| No data | | | : | | | | | | : | | |
| Skin irritation or corrosid | | | | | | | | | | | |
| Irritant to skin and mucc | ous mei | mbranes. | | | | | | | | | |
| Eye irritation or corrosio | n: | | | | · | | | | | | |
| Irritating effect. | | | | | | | | | | | |
| Sensitization: | | | : | | | 1 | | | : | | |
| No sensitizing effects kr | nown. | | | | | | | | | | |
| Germ cell mutagenicity: | н 1 - 1 | н 1 1. | | | | | , , , | | : ' ' | н 1 - 1 | |
| No effects known. | | · | ' | | · | | | 5 | | | ۰. |
| Carcinogenicity: | | | | | | | | | | | |
| EPA-A: human carcinog | gen: sul | fficient evi | dence | from e | pidemiolo | gic stud | lies to s | support a | | | |
| causal association betw | | | | | | - | | | | | |
| evidence of carcinogeni | city. | 1 | | | , , , | | | | | | |
| ACGIH A1: Confirmed h | numan (| carcinogei | n: Agei | nt is ca | rcinogenio | c to hun | nans ba | ased on e | pidemio | ologic | ۰. |
| studies of, or convincing | g clinica | al evidence | | | | | | | | | |
| Carcinogen as defined l | by OSF | IA. | | | | : | | | | | |
| NTP-K: Known to be ca | rcinoge | enic: suffic | ient ev | idence | from hum | nan stud | lies. | | | | |
| Reproductive toxicity: | , , , | | | | | | , , , | | : • • | | , |
| No effects known. | | 1 | | | 1 | | | 5 | | | 1. |
| | | | | | | | | | | | |

Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: No effects known. Aspiration hazard: No effects known. Subacute to chronic toxicity: Acute arsenic poisoning from ingestion results in marked irritation of the stomach and intestines with nausea, vomiting and diarrhea. In severe cases, the vomitus and stools are bloody and the patient goes into collapse and shock with weak, rapid pulse, cold sweats, coma and death. Chronic arsenic poisoning may cause disturbances of the digestive system such as loss of appetite, cramps, nausea, constipation or diarrhea. Exposure to indium compounds may cause pain in the joints and bones, tooth decay, nerv ous and gastrointestinal disorders, heart pain and general debility. Experiments with animals also indicate that indium may cause reduced food and water c onsumption with weight loss, pulmonary edema, pneumonia, blood, liver and kidney damage, leg paralysis and damage to the brain, heart, adrenals and spleen. Subacute to chronic toxicity: No effects known. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. Carcinogenic categories OSHA-Ca (Occupational Safety & Health Administration) Substance is listed.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity Aquatic toxicity: No data available

| | | | | | | 1 | | | | |
|---------------------------|-----------|--------------|--------------|-----------|-------------|--------------|---------|------------|-------|---------|
| Persistence and degrad | dability | · | | | 1. | | | 1 | | · |
| No data available | | | | | | | | | | |
| Bioaccumulative potent | ial | | | | | | | | | |
| No data available | | | | | | | | | | |
| Mobility in soil | | | | | н н н | | | | | |
| No data available | н н н | · | ¹ | 1 I | | ¹ | | 1 | ' | 1.1 |
| Ecotoxical effects: | | | , ' | | | . ' | | | | |
| Remark: | | | ı | | | | | | | |
| Very toxic for aquatic of | rganism | IS | | , | | | | | :** | |
| Additional ecological in | formatio | on: | | | | | | | | |
| Do not allow material to | be rele | eased to t | he envi | ronmei | nt without | official | permits | · | ' | 1.1 |
| Do not allow product to | reach g | groundwa | ter, wat | ter çoui | rses, or se | wage s | systems | s, even in | small | |
| quantities. | | | | | | | | | | |
| Danger to drinking wate | er if eve | n extreme | ely;sma | II quan | tities leak | into the | egroun | d. | :** | |
| Also poisonous for fish | and pla | inkton in v | vater b | odies. | | | | | | |
| May cause long lasting | harmfu | l effects to | o aquat | ic life.A | void trans | sfer into | the en | vironmen | it. | |
| Very toxic for aquatic or | rganism | าร | | | | : | | | ÷. | |
| Results of PBT and vPv | /B asse | essment | | | | | | | | |
| PBT: | | , , , | | 1 1 1 | | | 1 | | :** | |
| N/A | | · | | | · | ' | | 1 | * | · |
| vPvB: | | | | , | | | i i | | | |
| N/A | | | : | | | 1 | | | | |
| Other adverse effects | | | | | | | | | | |
| No data available | | | | 1 | | | 1 | | ; • • | |
| | | | | | | | | | | |

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation

Consult official regulations to ensure proper disposal.

| Uncleaned packag Recommendation: | ings: | · | ¹ | н н н | 1 | ¹ | н н н | ' | * | | • , |
|-------------------------------------|------------------|-------------|----------------|------------|------------|--------------------|----------|----------|----------------|------------|-----|
| Disposal must be r | nade accoi | ding to c | fficial re | gulation | าร. | :" | | | Ľ | | |
| : | 1.1. I. 1. 1. | | : | 1 1 - 1 | | ; | : . | | 111 | | |
| SECTION 14 | 4. TRAI | NSPO | | IFOF | RMAT | | · · · | · | ' | н н 1 | , |
| UN-Number DOT, IMDG, IATA | :' | | : | | | e ^r | | | ÷ | | |
| UN1557 UN proper shipping | g name | | | | i i i | | | | | | |
| DOT | | 1 | ' | | 1 | · · · ¹ | | 1 | ' | | , |
| Arsenic compound IMDG, IATA | s, solid, n.c | o.s. (Indiu | um arser | nide) | . : | e ^r | | . : | e ^r | | |
| | UND, SOL | .ID, N.O. | S. (Indiu | m arse | nide) | | | | | | |
| Transport hazard c | lass(es) | 1 | * | н н н | 1 | * | | 1 | * | | |
| Class | ; | | : | | | : | | | : | | |
| 6.1 Toxic substanc | es. | | | | | | | | | | |
| Label | | | | 1 1 - 1 | | 111 | | | ;** | | |
| 6.1 Class | | | | | | | | | | | |
| 6.1 (T5) Toxic subs | stances | | : | | | : | | | ÷ | | , |
| Label 6.1 | | | | н 1 - 1 | | | , , , | | | н 1 - 1 | |
| IMDG, IATA | | · | ' | 1 I 1 | 1 | ' | 1 I | 1 | | | |
| Class 6.1 Toxic substanc | | | : ¹ | | н 1 - 1 | ť | | | ť | | |
| Label 6.1 | | | | | | | | | | | |
| Packing group | | 1 | ¹ | | 1 | ' | 1 I | 1 | | | |
| I | | | | | | | | | | | |

| | | | , , , , | | 1 | | | | | |
|---|---|---|---|---|---|---|------------------------------|----------------------------------|---------------------------|------|
| DOT, IMDG, IATA | | 1 | | | | | | 1 | | |
| III | | | | | | | | | | |
| Environmental hazards | 5: | | : | | , , , | | | | | |
| Environmentally hazard | dous sı | ubstance, | | | | | | | | |
| Special precautions for | user | | | | н 1 — 1 | | | | | |
| Warning: Toxic substar Code | ncesTra | ansport in | ı bulk ad | cordin | g to Anne | x II of M | IARPOI | _73/78 a | nd the IE | BC |
| N/A | | | ; | | , , , | 1 | | | e ^r | |
| Transport/Additional in | | | | | | | | | | |
| DOT | | | : | | 4 4 - 4 | : ' ' | | | | |
| Marine Pollutant (DOT) |): | 1 | | | 5 | | | 1 | | |
| No | | | | | | | | | | |
| UN "Model Regulation' | | 1 1 | | | 1 - 1 - | | | | | |
| UN1557, Arsenic comp | ounds | , solid, n.c | o.s. (Ind | lium ars | senide), 6 | .1, III | | 1 | | |
| | | 1 - 1 | | 1 I | 1 - 1 | | | 1 I | 1 | |
| | | | | | | | | | | |
| | | 1 | ¹ | | 1 | | | 1 | | |
| SECTION 15. F | | | ORY | INFC | DRMA [.] | TION | | | | |
| | REGI | ULATO | ORY | INFC | ORMA ⁻ | TION | | | :' | |
| SECTION 15. F | REG | ULAT(| DRY ations/le | INFC egislatio | DRMA | TION c for the | substa | nce or m | nixture | |
| SECTION 15. F Safety, health and envir National regulations | REGI | ULAT(| DRY ations/le | INFC egislatio | DRMA | C for the | substa | nce or m | nixture | |
| SECTION 15. F Safety, health and envir National regulations All components of this | REGI | ULAT(| DRY ations/le | U.S. E | DRMA on specific | tion c for the ntal Pro | substa | nce or m | ixture Toxic | |
| SECTION 15. F Safety, health and envi National regulations All components of this Substances Control Ac | REGI ironme produc et Chem | ULAT(ntal regula t are listen nical subs | DRY ations/le d in the stance Ir | U.S. E | DRMA on specific nvironme y. | rion c for the ntal Pro | substa tection | nce or m Agency | nixture Toxic | |
| SECTION 15. F Safety, health and envir National regulations All components of this | REGI ironmer produc et Chem produc | ULAT(ntal regula t are listen nical subs t are listen | DRY ations/le d in the stance Ir d on the | U.S. E Nventor | DRMA on specific nvironme y. | rion c for the ntal Pro | substa tection | nce or m Agency | nixture Toxic | |
| SECTION 15. F Safety, health and envir National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe | REGI ironme produc et Chem produc ecific to | ULAT(ntal regula t are listen nical subs t are listen oxic chem | ORY ations/le d in the stance Ir d on the ical listi | INFC egislatio U.S. E nventor e Canao ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro | substa tection bstance | nce or m Agency | nixture Toxic DSL). | |
| SECTION 15. F Safety, health and envir National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe 1303-11-3 Indium arse | REGI ironmen produc et Chem produc ecific to nide | ULAT(ntal regula t are lister nical subs t are lister oxic chem | ORY ations/le d in the stance Ir d on the ical listi | U.S. E vventor canad ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro | substa tection bstanc | nce or m Agency es List (E | nixture Toxic DSL). | |
| SECTION 15. F Safety, health and envir National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe | REGI ironmen produc et Chem produc ecific to nide | ULAT(ntal regula t are listed nical subs t are listed oxic chem | ORY ations/le d in the stance Ir d on the ical listi | U.S. E vventor canad ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro | substa tection bstanc | nce or m Agency es List (E | nixture Toxic DSL). | |
| SECTION 15. F Safety, health and envi National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe 1303-11-3 Indium arse California Proposition 6 Prop 65 - Chemicals kr | REGI ironmen produc tt Chem produc ecific to nide 55 nown to | ULATC ntal regula t are listen nical subs t are listen oxic chem | ORY ations/le d in the d in the itance Ir d on the ical listi | INFC egislatio U.S. E nventor e Canad ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro | substa tection | nce or m Agency | nixture Toxic DSL). | |
| SECTION 15. F Safety, health and envi National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe 1303-11-3 Indium arse California Proposition 6 Prop 65 - Chemicals kr 1303-11-3 Indium arse | REGI ironmen produc et Chem produc ecific to nide 55 nown to nide | ULAT(ntal regula t are lister hical subs t are lister oxic chem | ORY ations/le d in the d in the itance Ir d on the ical listi | INFC egislatio U.S. E nventor e Canad ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro | substa tection | nce or m Agency | nixture Toxic DSL). | |
| SECTION 15. F Safety, health and envi National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe 1303-11-3 Indium arse California Proposition 6 Prop 65 - Chemicals kr 1303-11-3 Indium arse Prop 65 - Development | REGI ironmen produc t Chem produc ecific to nide 55 nown to nide tal toxio | ULAT(ntal regula t are lister nical subs t are lister oxic chem | ORY ations/le d in the stance Ir d on the ical listi | INFC egislatio U.S. E nventor e Canao ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro estic Su | substa | nce or m Agency | nixture Toxic DSL). | |
| SECTION 15. F Safety, health and envi National regulations All components of this Substances Control Ac All components of this SARA Section 313 (spe 1303-11-3 Indium arse California Proposition 6 Prop 65 - Chemicals kr 1303-11-3 Indium arse | REGI ironmen produc et Chem produc ecific to nide 55 nown to nide tal toxio | ULAT(ntal regula t are listed nical subs t are listed oxic chem | ORY ations/le d in the stance Ir d on the ical listi | INFC egislatio U.S. E nventor e Canao ngs) | DRMA on specific nvironme y. dian Dom | TION c for the ntal Pro estic Su | substance | nce or m Agency | nixture Toxic DSL). | |

| | 1 - 1 | I | | | 1 | | | | |
|--------------------------------|---------------|-----------|----------|-------------|-----------|----------|-------------|----------|-------|
| Substance is not listed. | · | | | 1 | ' | | 1 | | |
| Prop 65 - Developmental to | kicity, male | | | | | | | | |
| Substance is not listed. | | | | | | | | : | |
| Information about limitation | of use: | | | | | | | | |
| For use only by technically c | ualified indi | viduals. | | | | | | | |
| This product contains arseni | c and is sub | ject to t | the rep | orting rec | quiremen | its of | 1 | | |
| section 313 of the Emergene | cy Planning | and Co | mmuni | ty Right to | o Know / | Act of 1 | 1986 and | | |
| 40CFR372. | r r | | | 1 1 | ; | | | | |
| Other regulations, limitations | s and prohib | itive reg | gulatior | IS | | | | | |
| Refer to 29CFR1910.1018 f | or regulation | is conce | erning | inorganic | arsenic. | | | | |
| Substance of Very High Cor | icern (SVHC | c) accor | ding to | the REA | CH Reg | ulation | s (EC) No | . 1907/2 | 2006. |
| Substance is not listed. | | | | | | | | | |
| The conditions of restrictions | s according | to Articl | e 67 a | nd Annex | XVII of | the Reg | gulation (E | EC) No | |
| 1907/2006 (REACH) for the | manufactur | ing, pla | cing or | the mark | ket and ι | ise mu | st be obse | erved. | |
| Substance is not listed. | | | | | | | | | |
| Annex XIV of the REACH Re | egulations (r | | | | or use) | 1 | | | |
| Substance is not listed. | | : 1 | | | : É | | | : | |
| Chemical safety assessmen | t: | | | | | | | | |
| A Chemical Safety Assessm | ent has not | been c | arried o | out. | | | | : • • | |
| | | | | | | | | | |

SECTION 16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.