

## SAFETY DATA SHEET

| ,÷      |                         | ; • •    |          | 14                     |         | .:     |           |         | Date   | Accesse   | d: 25/08 | /2023      |
|---------|-------------------------|----------|----------|------------------------|---------|--------|-----------|---------|--------|-----------|----------|------------|
|         |                         | ÷.,      |          |                        | ÷.,     |        |           | ÷.,     | Dat    | e Revise  | d: 19/11 | /2022      |
|         | н н<br>н                | ÷.       |          | н. н.<br>Н             | 1.      |        | 1 I       | 1       |        | 1 I       | 1        |            |
| SEC     |                         |          |          | IFICA                  |         |        |           |         |        |           |          |            |
| Produ   | ict Name:               |          |          | ilicide                |         |        | 14        |         |        |           |          |            |
|         |                         |          |          |                        | 1       |        | 1.<br>1.  | 1       |        |           | 1        |            |
| Relev   | ant identi              | ified us | es of t  | he substa              | ance: S | cienti | fic resea | rch and | develo | opment    | ÷.,      |            |
| Suppl   | ier detail              | s:       |          |                        |         |        |           |         |        |           |          |            |
|         | ord Advan<br>I: sales@s |          |          |                        |         | .:     |           | ;       | .1     | 14.<br>14 |          |            |
| Tel: (9 | 49) 407-8               | 8904     |          |                        |         |        | 1.<br>1.  | 1       |        | 1.        |          | 1 - 1<br>1 |
| Addre   |                         |          |          | ake Fores              |         |        |           |         |        |           |          |            |
|         |                         | · .      |          |                        | · .     |        |           | · · ·   |        | 1 1<br>1  | · .      |            |
| SEC     | TION                    | 2. H/    | ٩ZAF     | RDS ID                 | DENT    | IFIC   | ATIO      | N       | .:     | 14.<br>19 | 111      | .:         |
| 2.1 Cl  | assificatio             | n of the | e substa | ance or mi             | xture   | 1 I    |           | ÷.,     |        |           | 1.       |            |
|         | hazardou:<br>⊣S Label ( |          |          | mixture.<br>Iding prec | autiona |        |           | 1       |        |           | 4        |            |
|         | hazardou                |          |          |                        |         |        | ÷.,       | :       | .1     | 1.<br>1.  |          | .:         |

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

# SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula : Si2W

|  |                    |          |         |            |            |          |            | 1   |            |            |
|--|--------------------|----------|---------|------------|------------|----------|------------|-----|------------|------------|
| Molecular weight : 240.0                         | )1 g/mol           | 1        |         | 1.         |            | 1 I      | 1.<br>1.   | ÷.  |            | ۰.         |
| CAS-No. : 12039-88-2                             |                    |          |         |            |            |          |            |     |            |            |
| EC-No. : 234-909-0                               |                    | ۰.       |         |            | ÷.         |          | ,          | 1   |            |            |
| Hazardous components                             |                    |          |         | 1.         |            | :        |            |     | :          |            |
| Component Classification                         | on Concentration   |          | . '     |            |            |          |            |     |            |            |
| Tungsten disilicide                              |                    | 1        |         |            | 1          |          | 14.<br>14. |     | 1 - 1<br>1 | ۰.         |
| <= 100 %   |                    | 1        |         |            |            |          |            | ÷., |            |            |
| SECTION 4. FI                                    |                    | EAS      | URE     | S          | ; • •      | .:       | ۰.         |     | .:         | <b>'</b> . |
| 4.1 Description of first a                       | id measures        | 1        |         |            | 1          |          |            | 1   |            | ۰.         |
| If inhaled                                       |                    | 1        |         |            |            |          |            |     |            |            |
| If breathed in, move per                         | son into fresh air | . If not | breath  | ing, give  | artificial | respira  | ation.     |     |            |            |
| In case of skin contact                          |                    |          | .1      | 1.         | : * *      | .1       |            |     | .1         | ۰.         |
| Wash off with soap and<br>In case of eye contact | plenty of water.   | 1        |         |            | ÷.,        | • •      | °ч.        | 1   |            | ۰.         |
| Flush eyes with water a                          | s a precaution.    | 1,       |         | н н<br>н   |            |          | н н<br>н   |     |            | ,          |
| If swallowed                                     |                    |          |         |            |            |          |            |     |            |            |
| Never give anything by                           | mouth to an unco   | onscio   | us pers | on. Rinse  | e mouth    | with wa  | ater.      | 111 | .1         | ۰.         |
| 4.2 Most important sym                           | ptoms and effect   | s, both  | acute   | and delay  | yed        |          |            |     |            | · .        |
| The most important kno                           | wn symptoms an     | d effe   | cts are | described  | d in the   | labellin | g (see se  |     |            |            |
| and/or in section 11                             |                    | 1        |         | 1 I        | 1          |          | н н<br>н   | 1   |            |            |
| 4.3 Indication of any imr                        | nediate medical    | attenti  | on and  | special tr | reatmen    | it neede | ed         |     |            |            |
| No data available                                | de la Maria        |          |         |            |            | 1        |            |     |            | 1.         |
|  |                    | ;        |         |            |            |          |            |     |            | ÷.,        |

### **SECTION 5. FIREFIGHTING MEASURES**

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

| 5.2 Special hazards a                                |   |       | ubstante |   |            | 1 |                 | 1          |      |
|--|---|-------|----------|---|------------|---|-----------------|------------|------|
| Tungsten oxide, silicor<br>5.3 Advice for firefighte |   |       |          |   |            |   | <br>            |            | <br> |
|  |   |       |          |   |            |   |                 |            |      |
| Wear self-contained b                                |   |       |          | • | 0          |   |                 |            |      |
|  |   |       |          | • | ng if nece |   | н<br>- н<br>- н | 1 1 1<br>1 | ÷.,  |
|  | า | · · · |          |   |            |   |                 |            |      |

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

| 6.1 Personal precautions, protective eq | uipmen  | nt and e | mergenc  | y proced       | ures |          |   |    |  |
|---|---------|----------|----------|----------------|------|----------|---|----|--|
| Avoid dust formation. Avoid breathing V | /apors, | mist or  | gas.     |                |      | 1.<br>1. | 1 |    |  |
| For personal protection see section 8.  |         |          |          |                |      |          |   |    |  |
| 6.2 Environmental precautions           |         |          |          |                |      |          |   |    |  |
| Do not let product enter drains.        |         | . :      | 1.<br>1. | 1 - 1 - 1<br>1 | .:   |          |   | .: |  |
| 6.3 Methods and materials for containm  |         |          |          |                |      |          |   |    |  |
| Sweep up and shovel. Keep in suitable   |         |          |          | disposal.      |      | · .      |   |    |  |
| 6.4 Reference to other sections         | 1       |          | · · ·    |                |      |          | 1 |    |  |
| For disposal see section 13.            |         |          |          |                |      |          |   |    |  |
|   |         |          |          |                |      |          |   |    |  |

# SECTION 7. HANDLING AND STORAGE

Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.

For precautions see section 2.2.

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilitiesKeep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

|                                       |                |              |         | I        |            |       | 1          |          |       |     |  |
|---------------------------------------|----------------|--------------|---------|----------|------------|-------|------------|----------|-------|-----|--|
| SECTION 8.                            |                |              |         |          |            |       |            |          |       |     |  |
| PROTECTIO                             | DN             |              |         |          |            |       |            |          |       |     |  |
| 8.1 Control parame                    | eters          |              |         |          | 1          |       |            |          |       |     |  |
| Components with                       | workplace o    | control para | ameters | .'       | · .        |       | . '        | · .      |       | . ' |  |
| Component CAS-N                       | lo. Value C    | ontrol       |         | · ·      |            | ÷.,   |            |          | 1     |     |  |
| parameters<br>Basis                   | t <sub>e</sub> |              | 1.      |          | · ·<br>·   | 4,    |            |          | ÷.    |     |  |
| Tungsten disilicide<br>mg/m3          | 12039-88-      | 2 TWA 5.0    | 0000    |          | Ч.,<br>С., | ; · · | .:         | 5        | ;··   | .:  |  |
| USA. ACGIH Three                      | shold Limit    | Values       |         | · ·      |            |       | · · ·      |          | 1     |     |  |
| (TLV)<br>Remarks Lower Re             |                |              |         |          | · · ·      | 4,    |            |          |       |     |  |
| varies                                |                |              |         |          | · .        |       | ;          |          |       |     |  |
| STEL 10.000000                        |                | 1            |         | 1        | ,          |       |            | 1        |       |     |  |
| mg/m3                                 |                |              |         |          |            |       | 1 I<br>1   |          | ÷.,   |     |  |
| USA. ACGIH Three                      | shold Limit    | Values       | 1       |          |            | 1     |            |          | ÷.,   |     |  |
| (TLV)                                 |                |              |         |          |            |       |            |          |       |     |  |
| Lower Respiratory                     | Tract irritat  | ion          |         |          |            | : • • |            | 14       | : * * |     |  |
| varies<br>TWA 5.000000                | . · · :        | 5.<br>1      | 1,      | 1 I<br>1 | ۰.         | 1     | 1 - 1<br>1 | 1.       |       |     |  |
| mg/m3                                 | 1              | · · ·        | 1       |          |            |       |            |          | 1     |     |  |
| USA. NIOSH Reco                       | ommended       |              |         |          |            |       |            |          |       |     |  |
| Exposure Limits                       |                |              | : ' '   |          |            | : * * |            |          | 111   |     |  |
| ST 10.000000                          |                |              |         |          | 1.         |       | · · ·      |          | 1     |     |  |
| mg/m3<br>USA. NIOSH Reco              | ommended       | · · ·        | ÷.      |          |            | ÷.,   |            |          | ÷.    |     |  |
| Exposure Limits<br>8.2 Exposure conti | rols           | 14.<br>1     | ;··     | .1       | 14.<br>1   | : · · | .:         | 14.<br>1 | ;··   | .:  |  |
| Appropriate engine                    | ering contr    | ols          | 1       |          |            |       |            |          | 1     |     |  |
|                                       |                |              |         |          |            |       |            |          |       |     |  |

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such

as

NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without

touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves

after

use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous

substances, and

to the specific work-place., The type of protective equipment must be selected according to the

concentration

and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, usetype

N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under

appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                    | · · .      | 111      |         | · · .      |                |          |          |         |     |
|------------------------------------|------------|----------|---------|------------|----------------|----------|----------|---------|-----|
| 9.1 Information on basic phys      | sical and  | chemical | l prope | rties      |                | н н<br>н | 1.<br>1. |         | ۰.  |
| a) Appearance Form: solid          |            |          |         |            |                |          |          |         |     |
| b) Odor No data available          |            |          |         |            | 1.             |          |          |         |     |
| c) Odor Threshold No data av       | vailable   |          |         |            |                |          |          |         |     |
| d) pH No data available            |            |          |         |            |                |          | 1.<br>1. |         |     |
| e) Melting point/freezing          | 1.<br>1.   | Ξ.       |         | 1.<br>1.   | 1              |          | 1.       |         | ۰.  |
| point<br>No data available         |            | 4,       |         | · · ·      | 4              |          |          |         |     |
|                                    |            |          |         |            |                |          |          |         |     |
| f) Initial boiling point and       |            | 1.1.1    |         | 1          |                |          | 14       |         | ۰.  |
| boiling range<br>No data available | · .        | :        |         | 5.         | ÷.,            |          | ·        |         | · . |
|                                    |            |          |         |            |                |          |          | ,       |     |
| g) Flash point No data availat     |            | ÷.,      |         | 1 - 1<br>1 |                |          |          |         | ,   |
| h) Evaporation rate No data a      |            |          |         |            |                |          |          |         |     |
| i) Flammability (solid, gas) No    | o data ava | ailable  |         |            | 111            |          | 1        | <br>.1  | ÷.  |
| j) Upper/lower<br>flammability or  |            | 4,       |         | 14.<br>1   | 4              |          | 1.<br>1. |         | ۰.  |
| explosive limits                   |            | Ξ.       |         | · · ·      | 1              |          |          |         | ,   |
| No data available                  |            |          |         |            |                |          |          |         |     |
| k) Vapor pressure No data av       | vailable   | 1.1.1    | .1      | 1.<br>1.   | 1 - 1 - 1<br>1 |          | 1.<br>1. | <br>.1  | 1   |
| I) Vapor density No data avail     | lable      |          |         | ·          | :              |          | · .      |         |     |
| m) Relative density No data a      | available  |          |         | ï          |                | ,        |          | ı       |     |
| n) Water solubility No data av     | vailable   | 1        |         |            | ÷.,            |          |          |         | ı   |
| o) Partition coefficient: noctar   | nol/       |          |         |            |                |          |          |         |     |
| water                              | 14         |          |         | 1.<br>1.   | 1 - 1 - 1<br>1 | .:       | 1.       | <br>1   | 1.  |
| No data available                  | 1.         | ÷.,      |         | 1.<br>1.   | ÷.,            | н н<br>н | 1.       |         | ۰.  |
| p) Auto-ignition                   |            |          |         |            |                |          |          |         |     |
| temperature                        | 1          |          |         | 1          |                |          | 1        |         |     |
| No data available                  |            |          | ,       |            |                | ,        |          |         |     |
| q) Decomposition                   |            | 1        |         | ۰.         |                | .'       | 1.       | <br>. 1 |     |
| temperature                        | 1.         |          |         | 1.         |                |          | 1.<br>1. |         | ۰.  |

| · · ·                   |          | 1          |     | , | 1        |     | ,            |     |         |
|-------------------------|----------|------------|-----|---|----------|-----|--------------|-----|---------|
| No data available       |          | 1.         |     |   |          | ÷., | <br>1.<br>1. |     | <br>÷., |
| r) Viscosity No data av |          |            |     |   |          |     |              |     |         |
| s) Explosive properties | s No dat | ta availat | ble |   |          | 1.  | <br>         |     | <br>    |
| t) Oxidizing properties | No data  | a availab  | е   |   |          |     |              |     |         |
| 9.2 Other safety inform | nation   | 14         |     |   |          | 1.1 |              | ;** | ÷.,     |
| No data available       |          |            | 1   |   |          | 1   |              |     | <br>÷., |
|                         |          | · · ·      | 1   |   | 1 I<br>1 | ÷., | <br>         | 1   | <br>    |
|                         |          |            |     |   |          |     |              |     |         |

#### SECTION 10. STABILITY AND REACTIVITY

|                       |             | 1.         |        |         | 1.        |           |     | 1.       |     | 1.1 |  |
|-----------------------|-------------|------------|--------|---------|-----------|-----------|-----|----------|-----|-----|--|
| 10.1 Reactivity       |             |            |        |         |           |           |     |          |     |     |  |
| No data available     | · · ·       |            | :      | 1 1     |           |           | 1 1 | 14       | 1   | 1   |  |
| 10.2 Chemical stab    | ilityStable | under reco | mmen   | ded sto | orage cor | nditions. |     |          | 1   |     |  |
| 10.3 Possibility of h | azardous ı  | reactions  |        |         |           |           |     |          |     |     |  |
| No data available     |             |            |        | . :     |           | 111       |     | 1.<br>1. | 111 | .1  |  |
| 10.4 Conditions to a  |             |            |        |         |           |           |     |          |     |     |  |
| No data available     | і і         | · .        | ' ,    |         |           | · .       |     | · .      |     |     |  |
| 10.5 Incompatible n   | naterials   | 1 - 1<br>1 | 1      |         |           | 1         |     |          | 1   |     |  |
| acids                 |             |            |        |         |           |           |     |          |     |     |  |
| 10.6 Hazardous de     | compositio  | n products |        | .1      | 14        |           | .1  | 14       | 111 | , i |  |
| Other decompositio    | on products | - No data  | availa | ble     | ·         | :         |     |          | :   |     |  |
| In the event of fire: |             |            |        |         |           |           |     |          |     |     |  |
| <u> </u>              |             | н н<br>н   | 1      |         | н н<br>н  |           |     |          |     |     |  |

## SECTION 11. TOXICOLOGICAL INFORMATION

| 11,1 Information on toxicological effects | 1 |     |       |    | 14 |       | <br>۰. |
|---|---|-----|-------|----|----|-------|--------|
| Acute toxicity                            | 1 |     |       |    |    | :     |        |
| No data available                         |   |     |       |    |    |       |        |
| Inhalation: No data available             |   | .:  | ·     | .: | ·  | ; • • | · .    |
| Dermal: No data available                 |   |     |       |    |    |       |        |
| No data available                         | 1 | 1 1 | · · · |    | 14 |       | <br>1. |

|   |            |            | 1 1 1           |           | · · ·       |            |          |            |             |       |   |
|---|------------|------------|-----------------|-----------|-------------|------------|----------|------------|-------------|-------|---|
| Skin corrosion/irritatior                     |            | 1.         | 1               |           |             |            |          | 1.         |             |       |   |
| No data available                             |            |            |                 |           |             |            |          |            |             |       |   |
| Serious eye damage/e                          | ye irrita  | ation      | 1               |           |             | 1          |          |            |             |       |   |
| No data available                             |            |            |                 |           |             |            |          |            |             |       |   |
| Respiratory or skin ser                       | nsitisatio | on         |                 |           |             |            |          |            |             |       |   |
| No data available                             | · · ·      |            |                 |           |             | 1          |          |            |             |       |   |
| Germ cell mutagenicity                        | /          |            | 1               |           |             |            |          |            | :           |       |   |
| No data available                             |            |            | · ,             |           |             |            |          |            |             |       |   |
| Carcinogenicity                               |            |            |                 |           | ·           |            |          |            |             |       |   |
| IARC: No component of                         | of this p  |            |                 |           |             |            |          |            |             |       |   |
| probable, possible or c                       | confirme   | ed human   | carcinc         | gen by    | IARC.       | 1.         |          |            | 1           |       |   |
| ACGIH: No componen                            | t of this  | product p  | oresent         | at leve   | ls greater  | than or    | equal t  | o 0.1% is  | s identifie | ed as |   |
| а   |            |            |                 |           |             |            |          |            |             |       |   |
| carcinogen or potentia                        | l carcin   | ogen by A  | CGIH.           | .1        | 1.          |            | .:       | 1.<br>1.   | : • •       |       |   |
| NTP: No component o                           | f this pr  | oduct pre  | sent at         | levels (  | greater tha | an or eo   | ual to ( | ).1% is ic | lentified   | as a  |   |
| known or anticipated c                        | arcinog    | en by NTI  | P. <sup>1</sup> |           |             | 1          |          |            |             |       |   |
| OSHA: No component<br>a                       | ofthis     | product pi | resent a        | at levels | s greater t | han or o   | equal to | o 0.1% is  | identifie   | das   | , |
| carcinogen or potentia                        | Learcin    | ogen hv C  | осна            |           |             |            |          |            |             |       |   |
| Reproductive toxicity                         | rearch     | ogen by e  |                 |           |             |            | .1       | 14         | 111         |       |   |
| No data available                             |            | 5.<br>1    | :               |           |             | :          |          | · .        | 1           |       | , |
|   |            |            |                 |           |             |            |          |            |             |       |   |
| No data available<br>Specific target organ to |            |            |                 |           |             | 1          |          |            |             |       |   |
|   |            |            |                 |           |             |            |          |            |             |       |   |
| No data available<br>Specific target organ to |            |            |                 |           |             |            | . 1      |            | 111         |       |   |
| No data available                             | JAICILY -  | repeated   | expose          |           |             |            |          |            |             |       |   |
| NO UALA AVAIIADIE                             |            |            |                 |           |             |            |          |            |             |       |   |
| Appiration bazard                             |            |            |                 |           |             |            |          |            |             |       |   |
| Aspiration hazard                             |            |            |                 |           |             |            |          |            | Ξ.          |       |   |
| No data available                             |            |            | 1               |           | к. к        | 1.         |          |            |             |       |   |
| No data available<br>Additional Information   |            |            | 1               |           | к. к        | 1.         |          |            |             |       |   |
| No data available                             |            |            |                 |           |             | di.<br>att | .:       | 1.<br>1.   |             | .1    |   |

| SECTION 12. E   | COL   | .OGI              |                           | NFO                | RMA1              | TION                    |          | 1.        |          |                    |
|---|---|-------------------|---------------------------|--------------------|-------------------|-------------------------|----------|-----------|----------|--------------------|
| 12.1 ToxicityNo data av   | vailable                                      | · · ·             | 1                         |                    | н н<br>н          | 1                       |          |           | ÷.,      |                    |
| 12.2 Persistence and d  | egrada  | bility            |                           |                    |                   |                         |          |           |          |                    |
| No data available   |   | 14                | 111                       |                    |                   | 111                     |          | 14        | 111      | .1                 |
| 12.3 Bioaccumulative p  | otentia                                       | L S.              |                           | 1 1                | 1.                | 1                       |          | 1.<br>1.  |          |                    |
| No data available   |   |                   | ,                         |                    |                   |                         |          |           |          |                    |
| 12.4 Mobility in soil   |   |                   | ۰.                        |                    |                   | ۰.                      |          |           |          |                    |
| No data available   |   |                   |                           | 1                  |                   |                         |          |           | :**      |                    |
| 12.5 Results of PBT an  |   |                   |                           | . '                |                   |                         |          |           |          |                    |
| PBT/vPvB assessment   | not ava                                       | ailable a         | s chemic                  | cal safe           | ty asses          | sment no                | ot requi | red/not c | conducte | d i                |
| 12.6 Other adverse effe   | ects  |                   | ÷.                        |                    |                   | ÷.,                     |          |           | ÷.       |                    |
| No data available   |   |                   |                           |                    |                   |                         |          |           |          |                    |
|   |   |                   |                           |                    |                   |                         |          |           |          |                    |
|   |   |                   |                           | . :                |                   |                         |          | 14        | 111      | 1                  |
|   |   |                   |                           |                    |                   |                         |          |           |          | . :                |
| SECTION 13. D   |   |                   |                           |                    |                   |                         |          |           |          |                    |
|   | DISP  | OSAL              |                           | ISID               | ERAT              | IONS                    |          |           | 1.       |                    |
| SECTION 13. D   | DISP  | OSAL              |                           | ISID               | ERAT              | IONS                    |          |           | 1.       |                    |
| SECTION 13. D   | <b>DISP(</b>                                  | <b>OSAL</b>       |                           |                    | ERAT              | IONS                    |          |           | :.<br>:. |                    |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r   | <b>DISP(</b><br>nethods<br>ecyclat            | <b>DSAL</b>       | <b>. CON</b><br>ions to a |                    | ERAT              | <b>IONS</b><br>sal comp | any.     |           |          |                    |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p  | <b>DISP</b><br>nethods<br>ecyclating          | <b>DSAL</b>       | <b>CON</b>                |                    | ERAT              | <b>IONS</b>             | any.     |           |          | <br>.:<br>::       |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir  | <b>DISP</b><br>nethods<br>ecyclating          | <b>DSAL</b>       | <b>CON</b>                |                    | ERAT              | <b>IONS</b>             | any.     |           |          | <br>.:<br>::       |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p  | DISP(<br>nethods<br>ecyclation<br>oroduct.    | <b>DSAL</b>       | <b>CON</b><br>ions to a   | ISID<br>Iicense    | <b>ERAT</b>       | Sal comp                | any.     |           |          |                    |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p  | DISP(<br>nethods<br>ecyclation<br>oroduct.    | <b>DSAL</b>       | <b>CON</b><br>ions to a   | ISID<br>Iicense    | <b>ERAT</b>       | Sal comp                | any.     |           |          |                    |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p  | DISP(<br>nethods<br>ecýclak<br>ng<br>product. | DSAL<br>ole solut | ONS to a                  | IICENSE<br>IICENSE | ERAT              | Sal comp                | any.     |           |          | ····<br>···<br>··· |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p<br>SECTION 14. T<br>DOT (US)<br>Not dangerous goods                                | DISP(<br>nethods<br>ecyclak<br>ng<br>product. | DSAL<br>ole solut | CON                       | IICENSE<br>IICENSE | ERAT<br>ed dispos | Sal comp                | any.     |           |          |                    |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p<br>SECTION 14. T<br>DOT (US)   | DISP(<br>nethods<br>ecyclak<br>ng<br>product. | DSAL<br>ole solut | CON                       | IICENSE<br>IICENSE | ERAT<br>ed dispos | Sal comp                | any.     |           |          |                    |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p<br>SECTION 14. T<br>DOT (US)<br>Not dangerous goods<br>IMDG<br>Not dangerous goods | DISP(<br>nethods<br>ecyclak<br>ng<br>product. | DSAL<br>ole solut | CON                       |                    | ERAT<br>ed dispos | Sal comp                | any.     |           |          | <br>2<br>          |
| SECTION 13. D<br>13.1 Waste treatment n<br>Product<br>Offer surplus and non-r<br>Contaminated packagir<br>Dispose of as unused p<br>SECTION 14. T<br>DOT (US)<br>Not dangerous goods<br>IMDG<br>Not dangerous goods | DISP(<br>nethods<br>ecyclation<br>product.    | OSAL<br>ole solut | CON                       |                    | ERAT<br>ed dispos | Sal comp                | any.     |           |          |                    |

#### **SECTION 15. REGULATORY INFORMATION**

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Tungsten disilicide

CAS-No.

12039-88-2

**Revision Date** 

New Jersey Right To Know Components

Tungsten disilicide

CAS-No.

**Revision Date** 

California Prop. 65 ComponentsThis product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other

reproductive harm

#### **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

| produ | ict with re  | egard to       | approp     | riate safe | ety preca | utions.    | It does  | not repre | sent ar | ny guarai  | ntee of th |          |  |
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