

SAFETY DATA SHEET

| | | | 1 | 111 | : | | | | Accesse | | |
|---------------------------------|------------|-----------------------|------------|---------------|----------------|------------|---------|----------------|-------------|-----------|-------|
| | | | | | | | | Dat | e Revise | ed: 17/01 | /2023 |
| 1 | 1 1 1 | 1 | 1. 1. (| 1 - 1 1 | | 1 | 1 I | 1 | 1 | | |
| SECTION | | | | _ | | | | | | | |
| Product Nam | e: Lithiur | n Difluo | prophosp | ohate | | | | | | | |
| CAS #: 24389 | -25-1 | | | | | | | | | | |
| Relevant ider | ntified us | ses _i of t | the subs | stance: So | cienti | fic resea | rch and | develo | opment | | |
| Supplier deta | ils: | | | | | | | | | | |
| Stanford Adva E-mail: sales@ | | | | 1 1 1 1 | 1 | | | : | `: | ; • • | ; |
| Tel: (949) 407 | -8904 | | | | | | . ** | | | | |
| Address: 2366 | 61 Birtche | ər Dr., l | _ake For | est, CA 92 | 2630 | U.S.A. | | | | | |
| | | | | | 1 | | | | 1 | | : |
| SECTION | 1 2. H | AZA | RDS I | DENT | IFIC | | N | : | | ;··· | : |
| Classification | of the su | bstance | e or mixt | ure in acc | ordan | ice with 2 | 9 CFR 1 | 910 (O | SHA HC | S) (*** | |
| GHS07 Acute Tox. 4 F | | | | ed. | ; | 1 | | : | 1 | | : |
| Skin Irrit. 2 | : | | | | e ^r | · : | | e ^r | 1 1 1 | | : |
| H315 Causes Eye Irrit. 2A H | | | | imitation | | | | | | | |
| | | | | | | | | | | | |
| STOT SE 3 H | 335 May | cause | respirato | ory irritatio | n. | 1.1 | | | 1 | | |

Hazards not otherwise classified

No information known.

Label elements

| | 1 1 | 1 | | 1 | 1 | | | 1 1 1 | | |
|--|--|--|---|---|---------------------|--------------------------------|------------|-----------|---------|------|
| GHS label elements | | | | | | | | | | |
| The product is classifie | ed and labe | | | | | - | - | | | |
| Hazard pictograms | | | | 1 | | | 1 | | | · |
| GHS07 | | | | | | | | | | |
| Signal word | | | | | | | 1 | | | 1 |
| WarningHazard statem | nents | | · · · | | | 1 I 1 | | | | |
| H302 Harmful if swallo | wed. | | | · | | : | | | | |
| H315 Causes skin irrita | ation. | | i | | | i | | ı | 1 | |
| H319 Causes serious | eye irritatio | n. | | | | . ' | · . | | | |
| H335 May cause respi | ratory irritat | | | | | , | | | | |
| Precautionary stateme | nts | | | | . * * | | | | | |
| P261 | | | | 1 | | | 1 | | | · |
| Avoid breathing dust/fu | ume/gas/mi | st/vapours/s | spray. | | | | | | | |
| P280 | | 111 | | | : • • | : | | :** | : | |
| | | olothing/ov/ | | · · · · /£ - · · · · | ratactia | n | | | | |
| Wear protective gloves | sprotective | ciouning/eye | e protect | ion/face p | rotectio | | | | | |
| P305+P351+P338 IF I | | · | | | | | s. Remov | ve contac | ct | 1. C |
| and the second second second | N EYES: R | inse cautiou | isly with | | several | minute | | | | |
| P305+P351+P338 IF I | N EYES: R | inse cautiou | isly with | water for s | several | minute | | | | |
| P305+P351+P338 IF I lenses, if present and e | N EYES: R easy to do. | inse cautiou Continue rir | isly with nsing. | water for s | several | minute | 1 | | : | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 | N EYES: R easy to do. person to f | inse cautiou Continue rir resh air and | isly with nsing. keep co | water for s mfortable | several for brea | minute: athing. | | | i. F | 1 |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. | N EYES: R easy to do. person to f | inse cautiou Continue rir resh air and | isly with nsing. keep co | water for s | several for brea | minute: athing. | | | | |
| P305+P351+P338 IF I lenses, if present and e P304+P340 IF INHALED: Remove P405 | N EYES: R easy to do. person to f | inse cautiou Continue rir resh air and | isly with nsing. keep co | water for s | several for brea | minute: athing. | | | | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co | N EYES: R easy to do. person to f | inse cautiou Continue rir resh air and | isly with nsing. keep co | water for s mfortable I/regional/ | for brea | minute: athing. | ational re | egulation | s. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co | N EYES: R easy to do. person to f | inse cautiou Continue rir resh air and | isly with nsing. keep co | water for s mfortable I/regional/ | for brea | minute: athing. | ational re | egulation | s. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co | N EYES: R easy to do. person to f | inse cautiou Continue rir resh air and | isly with nsing. keep co | water for s mfortable I/regional/ | for brea | minute: athing. I/intern | ational re | gulation | S. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co WHMIS classification | N EYES: R easy to do. person to f | inse cautiou Continue rin resh air and accordance | isly with nsing. keep co with loca | water for s mfortable | for brea | minute: athing. | ational re | egulation | S. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co WHMIS classification D2B - Toxic material ca | N EYES: R easy to do. person to f ontainer in a | inse cautiou Continue rir resh air and | isly with nsing. keep co with loca | water for s mfortable | for brea | minute: athing. | ational re | egulation | S. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co WHMIS classification D2B - Toxic material ca Classification system HMIS ratings (scale 0- (Hazardous Materials I | N EYES: R easy to do. person to f ontainer in a ausing othe 4) | inse cautiou Continue rin resh air and accordance er toxic effec | isly with nsing. keep co with loca | water for s | several for brea | minute: athing. | ational re | egulation | S. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co WHMIS classification D2B - Toxic material ca Classification system HMIS ratings (scale 0- (Hazardous Materials I | N EYES: R easy to do. person to f ontainer in a ausing othe 4) | inse cautiou Continue rin resh air and accordance | isly with nsing. keep co with loca | water for s | several for brea | minute: athing. | ational re | egulation | S. | |
| P305+P351+P338 IF I lenses, if present and o P304+P340 IF INHALED: Remove P405 Store locked up. P501 Dispose of contents/co WHMIS classification D2B - Toxic material co Classification system HMIS ratings (scale 0- (Hazardous Materials I | N EYES: R easy to do. person to f ontainer in a ausing othe 4) dentificatio = 2 | inse cautiou Continue rin resh air and accordance er toxic effec | isly with nsing. keep co with loca | water for s mfortable | for brea | minute: athing. | ational re | egulation | S. | |

| | | | 1 | | | | 1 1 1 | 1 | 1 | | | |
|------------------|------------|----------|---------|----------|----------|--------|-------|----------|---------------------|----|---|----------|
| Physical Hazard | I = 1 | 1 I | | | | | | | | | | |
| Other hazards | | | | | | | | | | | | |
| Results of PBT a | and vP | vB ass | essment | | | 1 | | 1 | 1 | | | <u>.</u> |
| PBT: | | | | | | | | | | | | |
| Not applicable. | | | | | | | | | | | | |
| vPvB: | | 1 I 1 | | | 1 I 1 | | | н н н | $\mathcal{A}^{(1)}$ | 19 | | |
| Not applicable | 1 - 1 1 | | 1 | н н н | | 1. | | 1 | 1 | | 1 | · |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Substances CAS# Description: 24389-25-1 Lithium Difluorophosphate

| SECTION 4. FIRST AID MEA | SUR | ES | | | | | | |
|---|-------------|---------------|----------|--------|----------|-----|-------------|---|
| Description of first aid measures | | 1 | 1 I | | ` | | | |
| After inhalation | | | | | | | | |
| Supply fresh air. If required, provide artificial | l respirati | on. Keep pa | tient wa | rm. | | : 1 | 1 | |
| Seek immediate medical advice. | | | | | | | | |
| After skin contact | | | | | | | | |
| Immediately wash with water and soap and | rinse tho | roughly. | | | 1 | | | |
| Seek immediate medical advice. After eye contact | · | 1 1 | | ť | | | , , , | |
| Rinse opened eye for several minutes under | r running | water. Then | consult | a doct | or. | | | , |
| After swallowingSeek medical treatment. Information for doctor | · | 10. 1 | | ; | 1 | | | |
| Most important symptoms and effects, both | acute an | d delayed | | | | | | , |
| No further relevant information available. | | i. | | | | | | |
| Indication of any immediate medical attentio | on and sp | ecial treatme | ent need | led | | | | , |
| | | | | | | | | |

| lo further rele | vant info | rmation | available. | | · · · | | | 1 - 1 1 | | | |
|------------------|------------|-----------|---------------|----------|----------|-------------|---------|------------|-------|-------|----|
| | 1 - 1 1 | | | | | 1. | | : | 1. | | : |
| SECTION | 5. FI | REFI | GHTIN | IG M | EAS | URES | | | | | |
| Extinguishing r | nedia | : | 1 | | ; ' | | | | | 111 | ÷ |
| Suitable exting | uishing a | agents | | | 1 I | | | | | | |
| Product is not | lammab | le. Use | fire-fightin | g meas | sures th | nat suit th | e surro | unding | fire. | | |
| Special hazard | s arising | from th | ne substan | ice or n | nixture | | , | | | | |
| f this product i | s involve | d in a fi | ire, the foll | owing | can be | released | | | ۰. | | |
| Phosphorus ox | ides | | | | 1 | i | | i | i | | |
| ithium oxide | 111 | · · · | | | 1 I | | | | | 111 | |
| Advice for firef | ghters | | 1. | | | 1 | 1 I | | 1 | | |
| Protective equi | pment: | | | | | | | | | | |
| Vear self-cont | ained res | spirator | • '; | | : | · . | | | `: | : * * | i. |
| Vear fully prot | | · | | | | | | | , | | |
| | | | | | | | | | | | |
| | | | 1 | | | · | | | | | |
| SECTION | 6. A(| CID | ENTAL | - RE | LEA | SE ME | EASU | JRES | 5 | | |
| Personal preca | utions, p | orotectiv | /e equipmo | ent and | l emerç | gency pro | cedure | S | | 111 | 1 |
| Vear protectiv | e equipr | nent. Ke | ep unprot | ected p | ersons | s away. | | | | | |
| Ensure adequa | ate ventil | ation | | | | | | | | | |
| Environmental | precauti | ons: | ` | | | 1 | | | 1 | | |
| Do not allow p | oduct to | reach s | sewage sy | stem o | r any w | ater cour | | | | | |
| /lethods and n | naterial f | or conta | ainment ar | nd clear | ning up |): | | : | 1 | | |
| Dispose of con | taminate | ed mate | rial as was | ste acc | ording | to section | 13. | | | | |
| Ensure adequa | ate ventil | ation. | | | ; | | | ; | · | | |
| Prevention of s | econdar | y hazar | | , | 1 | | | , | | | |
| lo special me | asures re | equired. | | | . ' | | | . ' | ۰. | | |
| | | | | | | 1 | | | 1 | | |
| Reference to o | ther sect | tions | | | | | | | | | |

| an an Ar An Ar | | | | | | | | | |
|---|-------------|----------|-----------|----------|----------------|-------|------------|----------------|-----|
| See Section 8 for information on perso | onal protec | tion ec | uipment. | | | | | | |
| See Section 13 for disposal informatio | | 1 | 1 | | | ta. | | : | ۰. |
| SECTION 7. HANDLING | AND S | бтор | RAGE | | e ^r | | | ť | |
| Handling | | | | | | | | | .' |
| Precautions for safe handling Keep container tightly sealed. | | 1 | 5 | 1 I 1 | | 1 | 1 - 1 1 | ; | ۰. |
| Store in cool, dry place in tightly close Ensure good ventilation at the workpla | | rs. | | | ť | 1 | : | ť | |
| Information about protection against e | xplosions | and fire | es: | | | | | 1 | . ' |
| The product is not flammable | 1 - 1 1 | | · | | 1 | 1 | | | |
| Conditions for safe storage, including | any incom | patibili | ties | | | | | | |
| Storage | 1 1 1 | : | | | : | 1 | : * * | ť | 1 |
| Requirements to be met by storeroom | s and rece | ptacle | s:No spec | ial req | uireme | nts. | | | |
| Information about storage in one com | mon storag | ge facil | ity: | | | | | | |
| Store away from oxidizing agents. | 1 I | | 1 | | | 1 | | | 1. |
| Further information about storage con | ditions: | | | | | | | | |
| Keep container tightly sealed. | 1 1 1 | : | | | e l' | 1 | :** | : ¹ | |
| Store in cool, dry conditions in well se | aled conta | iners. | | | | | | | |
| Specific end use(s) | | | | | | | | | |
| No further relevant information available | ole. | | 1 | 1 | | | | | 1. |
| | | | | | | | | | |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems:

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant guantities of materials with critical values that have to be monitored at the workplace. Additional information: No data Exposure controls Personal protective equipment General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Recommended filter device for short term use: Use a respirator with type P100 (USA) or P3 (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying respirators are appropriate. Only use equipment tested and approved under appropriate government standards. Protection of hands: Impervious gloves Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. Material of gloves Nitrile rubber, NBR Penetration time of glove material (in minutes)

| : : | | 1 | | | | | | 1 | | | | : |
|-----------------------------------|----------|----------|------------|--------------|---|-----|---|---|---|---|----------|---|
| 480 | | | | - 1 - 1 1 | | | | | | | | |
| Glove thickness 0.11 mm | | ; | 1 | | ; | 5 | | ; | 1 | | ; | ÷ |
| Eye protection: Safety glasses | · · · · | : | ` ; | | ; | · ; | ; | : | · | ; | ť | |
| Body protection: | | 1 I 1 | | | | | | | | | н н н | |
| Protective work of | clothing | - | 1 | | | 5 | | - | 1 | | - | · |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Information on basic physical and | chemical | proper | ties | | | | | | | |
|--|------------|--------|------|------------|-------|---|------------|-------|-----|-----|
| General Information | | 1 | | · | 1 I | 1 | ' | | | |
| Appearance: | | | | | | | | | | |
| Form: Powder | | | | `: | | 1 | 1 | : • • | i. | |
| Odor: Odorless | | | 1 | | | | | | | |
| Odor threshold: Not determined. | | | 1 | .' | | , | | | 1 | |
| pH-value: Not applicable. | · · · · | 1 | | | 1 | | 1 | | | |
| Change in condition | | | | | | | | | | |
| Melting point/Melting range: Not o | letermined | j. | | | | | | | i' | |
| Boiling point/Boiling range: Not de | etermined | 1 | | | | | | | | |
| Sublimation temperature / start: N | lot determ | | | | | | | | | |
| Flammability (solid, gaseous) | | | | · · · | | | 1 | | | |
| Not determined. | | | | | | | | | | |
| Ignition temperature: Not determi | ned | | | | 1 1 1 | | | | | |
| Decomposition temperature: Not | determine | d | 1 | | | | | | | |
| Auto igniting: Not determined. | | | : | · | | | · | | : | , |
| Danger of explosion: Not determine | ned. | | 1 | | | 1 | | | | |
| Explosion limits: Lower: Not determined | : ' | | ; | ` ; | ; • • | : | ` ; | : | ; | |
| Upper: Not determined | | | | | | | | , | 1 I | . ' |

| Vapor pressure: 0 | 0.000000 | 145Pa (25 | °C)(298 k | () | | | | | | | |
|----------------------|--------------|--------------|------------|---------|----------|---|------------|-------|----|---|-------|
| Relative density | | | | | | | | | | | |
| Not determined. | | · · · · | 1 | | ` | | | 1 | | | · · · |
| Vapor density | | | | | | | | | | | |
| Not applicable. | : | | | | | | | | | | |
| Evaporation rate | | | | | | | | | | | |
| Not applicable. | | 1. | | | · | | | · | | : | · |
| Solubility in / Misc | ibility wit | | | | | | ı | | ı | | |
| Partition coefficier | nt (n-octa | nol/water): | Not dete | rmined. | | | | 4 | | | |
| Viscosity: | | | | | | | | | | | |
| dynamic: Not app | licable. | | | | | | | | 11 | | |
| kinematic: Not ap | plicable. | · | | 1 | · | | 1 | 1 | | | ÷., |
| Other information | | | | | | | | | | | |
| No further relevar | nt informa | ation availa | ble. | : | 1 | | : | 1 | | : | 1 |
| | | | | | | | 1 - 1 1 | | | | |
| SECTION 1 | т о | | | | | | | | | | |
| SECTION 1 | V. 01 | | | | | | | 1 | | | · · · |
| Reactivity | | | | | | | | | | | |
| No information kn | own. | | | | | | | | | | |
| Chemical stability | | | | · · · | | | · · · | | | | |
| Stable under reco | | | | | · | | : | · | | : | |
| Thermal decompo | osition / d | onditions to | o be avoid | ded: | | 1 | 1 | | | , | |
| Decomposition wi | | | | | - | - | | | | | |
| Possibility of haza | ardous re | actions | | ı | ı | | 1 | | | | |
| Reacts with strong | g oxidizir | ig agents | | | | | | | 11 | | ' |
| Conditions to avo | id | · | | | · | | | 1 | | | · |
| No further relevar | nt informa | ation availa | ble. | | | | | | | | |
| Incompatible mate | erials: | | | ; | | | ; | | | : | |
| Oxidizing agents | | , , | | | | | | | | | |
| Hazardous decon | nposition | products: | | 1 | | | | | | | |
| | | | | | | | | | | | |

| | | 1 | | | | | | 1 | | 1 | , |
|--|-----------|-----------|------------|------------|------------|------------|----------------|----------|---------|------|---|
| Phosphorus oxides (e. | .g. P2O | 5)Lithium | oxide | 1 - 1 1 | | | | | | | |
| | | 1 | 1 - 1 1 | 1 | 1 | 1 - 1 1 | | 1 | | | |
| SECTION 11. | τοχι | COLC | GICA | | IFOR | MATIO | ON | | | | |
| Information on toxicolo | ogical ef | fects | | | `: `: | 1.1.1 | 1 ¹ | `: `: | | ľ | |
| Acute toxicity: | | | | 1 I 1 | | | | | | | |
| Harmful if swallowed. | | | | | · | | | | | | |
| LD/LC50 values that a | | | | | | | | | | | |
| No data Skin irritation or corros | | 1 | | | `: | 1 1 1 1 | | `: | | i. | |
| Causes skin irritation. | | | | | | | | | | | |
| | | | | | | | | | | | |
| Eye irritation or corros Causes serious eye irr | | | | | | | | <u>'</u> | | | |
| - | | | | | | | | | | | |
| Sensitization: No sensitizing effects l | | | | | | | | | | | |
| Germ cell mutagenicity | | | | | | | | | 11 | | |
| No effects known. | | · | | | · | | | · | | | |
| | | | | I | | | 1 | | | | |
| Carcinogenicity: | on coroi | nodonio | proportic | o of th | io motori | | iloblo fr | om the F | | | |
| No classification data (| | nogenic | propertie | es or in | is materia | ai is ava | | om the E | PA, IAR | U, 1 | |
| NTP, OSHA or ACGIH | 1 | | . * * | | | | | | | | |
| Reproductive toxicity: No effects known. | | | | | 1. | | | 1 | | | |
| | | | | | | | | | | | |
| Specific target organ s | | | | | ure: | | | | | | , |
| No effects known. | | , | | | | | | | | | |
| Specific target organ s | | | singie ex | posure |) <u>-</u> | | | | | | |
| May cause respiratory | irritatio | n. | | | 1 | н н н | | 1 | | | |
| Aspiration hazard: | | | | | | | | | | | |
| No effects known. | | | : ' ' | | | | | | :** | | |
| Subacute to chronic to | - | | | | . 1 | | | . 1 | | | |
| No effects known. | , | . ' | | | . ' | | | . ' | | | |

Additional toxicological information:

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

| SECTION 12. ECOLOGICA | AL IN | IFO | RMATI | ON | : | ·: | ; · · · | • • |
|---|----------|----------|-----------|------------|---------|-----------|---------|--------|
| Toxicity | | | | | | | | |
| Aquatic toxicity: | | | · | | | 1 | | |
| No further relevant information available. | | | | | | | | |
| Persistence and degradability | | | · . | | | | ; • • | |
| No further relevant information available. | | | | | | | | |
| Bioaccumulative potential | . ' ' | | | . * * | | | | |
| No further relevant information available. | 1 I 1 | | 1 | | | 1 | | |
| exicity put to toxicity: p further relevant information available. ersistence and degradability p further relevant information available. oaccumulative potential p further relevant information available. obility in soil p further relevant information available. ditional ecological information: eneral notes: p not allow undiluted product or large quantities to reach ground water, water course or sewage stem. void transfer into the environment. esults of PBT and vPvB assessment BT:Not applicable. vB: ot applicable. ther adverse effects | | | | | | | | |
| No further relevant information available. | | | · : | | | | : • • | : |
| Additional ecological information: | | | | | | | | |
| General notes: | | 1 | . ' | | | . ' | . * * | |
| Do not allow undiluted product or large qu | uantitie | s to re | ach groun | d water | , water | course or | sewag | е |
| No further relevant information available. Persistence and degradability No further relevant information available. No further relevant information available. Abbility in soil No further relevant information available. Additional ecological information: General notes: No not allow undiluted product or large quantities to reach ground water, water course or sewage ystem. No further into the environment. Results of PBT and vPvB assessment PvB: Not applicable. PvB: Not applicable. Dther adverse effects No further relevant information available. | | | | | | | | |
| Avoid transfer into the environment. | 1.1.1 | | | | : | | | : |
| oxicity xquatic toxicity: Ao further relevant information available. Persistence and degradability Ao further relevant information available. Bioaccumulative potential Ao further relevant information available. Adobility in soil Ao further relevant information available. Adobility in soil Ao further relevant information available. Additional ecological information: General notes: Do not allow undiluted product or large quantities to reach ground water, water course or sewage ystem. Avoid transfer into the environment. Results of PBT and vPvB assessment PBT:Not applicable. PvB: Aot applicable. Dther adverse effects Ao further relevant information available. | | | | | | | | |
| PBT:Not applicable. | | | | | | | | |
| vPvB: | 1 | | 1. | н н н | | 1.1 | | |
| Not applicable. | | | | | | | | |
| Other adverse effects | | 1 | | | i. | | | : : |
| No further relevant information available. | | 1 I 1 | | | · · · | | | |
| and the state of the | · · | | 1 | 1 - 1 1 | | 1 | | ; |

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods Recommendation

| Consult state, local or nation | onal regu | lations to e | ensure p | proper di | sposal. | • • | | | | |
|--|---------------------------------------|----------------|----------------|-----------|-----------|------|-----|----------|----|---|
| Uncleaned packagings: | | | | | | | | | | |
| Recommendation: | | | | 1 | | | 1 | | | |
| Disposal must be made ac | cording t | o official re | gulatio | ns. | | | | | | |
| | | | | | | | | | | |
| SECTION 14. TR | | | | | | | | | | |
| UN-Number | | | | * | | | 5 | | | , |
| | | | | | | | | | | |
| DOT, ADN, IMDG, IATA Not applicable | | | e ^r | 1 | ;·· | 1 | 1 | | ť | |
| UN proper shipping name | | | | | | | | | | |
| DOT, ADN, IMDG, IATA | · · · | 1 - 1 1 | | 1 | | | · | | | |
| Not applicable | | · | | | | | | | | |
| Transport hazard class(es |) | 1 - 1 - 1 1 | | `: | | : | 1 | | | |
| DOT, ADR, ADN, IMDG, I | ATA | | | | | | | | | |
| Class | | | 1 | | | | | | | |
| Not applicable | · · · · · · · · · · · · · · · · · · · | н н н | } | 1 | н н н | | 1 | н н н | | |
| Packing group | | | | | | | | | | |
| DOT, IMDG, IATA | | 1 - 1 - 1 1 | 1 | `: | ; • • | : | 1 | :** | t. | |
| Not applicable | | | | | | | | | | |
| Environmental hazards: | | | | | | | | | | |
| Not applicable. | | 1 | | 1 | | | · | | | |
| Special precautions for us | | | | | | | | | | |
| Not applicable. | | | | | 1.1 | : | | | | |
| Transport in bulk according | g to Anne | ex II of MAF | RPOL7 | 8/78 and | the IBC (| Code | | | | |
| Not applicable. | | | ; | · | | | · | | | |
| Transport/Additional inforn | | ı | i | | , | Ĩ | | , | i | |
| DOT | | | . ' | · . | | | · . | | | |
| Marine Pollutant (DOT): | | | 1 | | | , | | | | |
| No | | | 1 1 | | | | | | | |

SECTION 15. REGULATORY INFORMATION

| Safety, health and environmental r | egulations/le | gislatic | on specifi | c for the | substa | nce or m | ixture | |
|---|---------------|----------|------------|------------|----------|----------|----------|------|
| GHS label elements | - | - | | | | | | |
| The product is classified and label | ed in accorda | ance wi | th 29 CF | R 1910 (| OSHA | HCS) | 111 | : |
| Hazard pictograms | | | | | | | | |
| GHS07 | | | | | 1 | | | |
| Signal word | | 1 | | i. | | | | |
| WarningHazard statements | ; | . ' | • . | | | • . | | |
| H302 Harmful if swallowed. | | I | r. | | I | | | |
| H315 Causes skin irritation. | | 1 I 1 | | | | | | |
| H319 Causes serious eye irritation | l | | · | | | 1 | | |
| H335 May cause respiratory irritati | on. | | | | | | | |
| Precautionary statements | | : | · : | | | | 111 | |
| P261 | | | | | | | | |
| Avoid breathing dust/fume/gas/mis | t/vapours/sp | ray. | .' | | | . ' | | |
| P280 | | | 1 | | | 1 | | |
| Wear protective gloves/protective | clothing/eye | orotect | ion/face | protectio | ٦. | | | |
| P305+P351+P338 IF IN EYES: Ri | nse cautiousl | y with | water for | several | minute | s. Remov | ve conta | ct : |
| lenses, if present and easy to do. (P304+P340 | Continue rins | ing. | | | | 11 | | |
| IF INHALED: Remove person to fr | esh air and k | eep co | mfortable | e for brea | athing. | 1 | | |
| P405 | | | | | | | | |
| Store locked up. | 111 | ľ | 1 | | | | 111 | t, |
| P501 | | | | | | | | |
| Dispose of contents/container in a | ccordance wi | | - | | l/intern | | - | S. |
| National regulations | | | 1 1 | | | 1 | | |
| All components of this product are | listed in the | U.S. Ei | nvironme | ental Prot | ection | Agency 7 | Гохіс | |
| Substances Control Act Chemical | substance In | ventory | /- | | | | | |
| All components of this product are | listed on the | Canac | lian Non | -Domesti | c Subs | tances L | ist (NDS | L). |

| | : | 1 1 1 | | | | | | 1 | | |
|---------------------------|---------------------------------------|---------------|---------|-----------|----------|----------|-----------|----------|-------|-------|
| SARA Section 313 (spe | ecific toxic cher | nical listing | gs) | | | | | | | |
| Substance is not listed. | | | | | | | | | | |
| California Proposition 6 | 55 | 1 | | 1 | | | | | | · · · |
| Prop 65 - Chemicals kr | nown to cause o | cancer | | | | | | | | |
| Substance is not listed. | | | ÷ | | | : | | | t, | |
| Prop 65 - Development | al toxicity | | | | | | | | | |
| Substance is not listed. | | 1 I | : | 5 | | | 1 | | : | |
| Prop 65 - Development | al toxicity, fema | | | | | | | | | |
| Substance is not listed. | · | | . ' | · . | | | | | | |
| Prop 65 - Development | al toxicity, male | | , | | | | | | | |
| Substance is not listed. | | . 11 | | | | | | 111 | | |
| Information about limita | ation of use: | 1 - 1 1 | | · | | | 1 | | | · |
| For use only by technic | ally qualified in | dividuals. | | | | | | | | |
| Other regulations, limita | ations and proh | ibitive reg | ulation | S | | | | | 1 | |
| Substance of Very High | n Concern (SVI | HC) accord | ding to | the REA | CH Reg | Julation | s (EC) N | o. 1907/ | 2006. | |
| Substance is not listed. | · · · · · · · · · · · · · · · · · · · | | | | | | | | | |
| The conditions of restri | ctions accordin | g to Article | e 67 ar | nd Annex | XVII of | the Re | gulation | (EC) No | | ÷., |
| 1907/2006 (REACH) fo | or the manufact | uring, plac | ing on | the mar | ket and | use mu | st be obs | served. | | |
| Substance is not listed. | , at the | 1 1 1 1 | : | 1 | 111 | : | | : • • | : É | |
| Annex XIV of the REAC | CH Regulations | (requiring | Autho | orisation | for use) | | | | | |
| Substance is not listed. | | ı | | ı | | | | | | |
| Chemical safety assess | sment: | н н н | : | 5 | | | 1 | | 1 | ÷., |
| A Chemical Safety Ass | essment has n | ot been ca | rried c | 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

| | | 1 1 1 | | : | 1 | | | | : | | | | |
|-----------|------------|-----------|----------------|------------------|------------|----------------|--------|------------|----------------|------------|----------|---|----------|
| prope | rties of t | he produc | ct. | , . ¹ | | | | | | | . • • | | |
| | · | | ; | ÷ | 1 - 1 1 | | 1. | 1 - 1 1 | ; | ÷ | , , , | | ÷ |
| ť | `: `: | ; | e ^r | 1 | 111 | e ^r | 1 | ; · · | e ^r | 1 | | : | 1 |
| | | | 1 I 1 | | | | | | | | | | |
| | · | | ; | · | 1 - 1 1 | | | н н н | ; | 1 | | | ÷ |
| : | ·: | ;** | : | 1 | | : | | | : | | | : | |
| | | | | , ' , ' | | | | | | | | | |
| - | ' | | : | 1 | | : | 5 | | 1 | 1 | | : | ÷ |
| : | `; | | : ¹ | 1 | | t. | 1 | :·· | e l' | 1 | | : | 1 |
| | | | · · · | | | 1 I 1 | | | · · · | | | | |
| - | 1 1 | | ÷ | 1 | | 1 | 5 | | ÷ | 5 | | : | ' |
| : | `; | : | t. | 1 | | t. | | 111 | e l' | 1 | : | : | 1 |
| | | | · · · | | | 1 I 1 | | | · · · | | | | |
| : | 1 | | ÷ | 1 | | | 5 | | ÷ | 1 | | : | ' |
| : | `: | | : ¹ | `: | 111 | : ¹ | 1 | 111 | ÷ | ` : | | ÷ | 1 |
| • | | | 1 - 1 1 | , ¹ | | 1 I 1 | | | 1 - 1 - | | | | |
| - | 1 | | 1 | 5 | | : | 5 | | 1 | 5 | | : | ÷., |
| : | · : | | : | 1 | | ÷ | 1 | | : | 1 | | : | 1 |
| | | | 1 - 1 1 | | | 1 I 1 | | | · · · | | | | |
| 1 | 1 | | I | | | | | | 1 | | 1 I | | |